

S  
331.12  
LIMS  
September

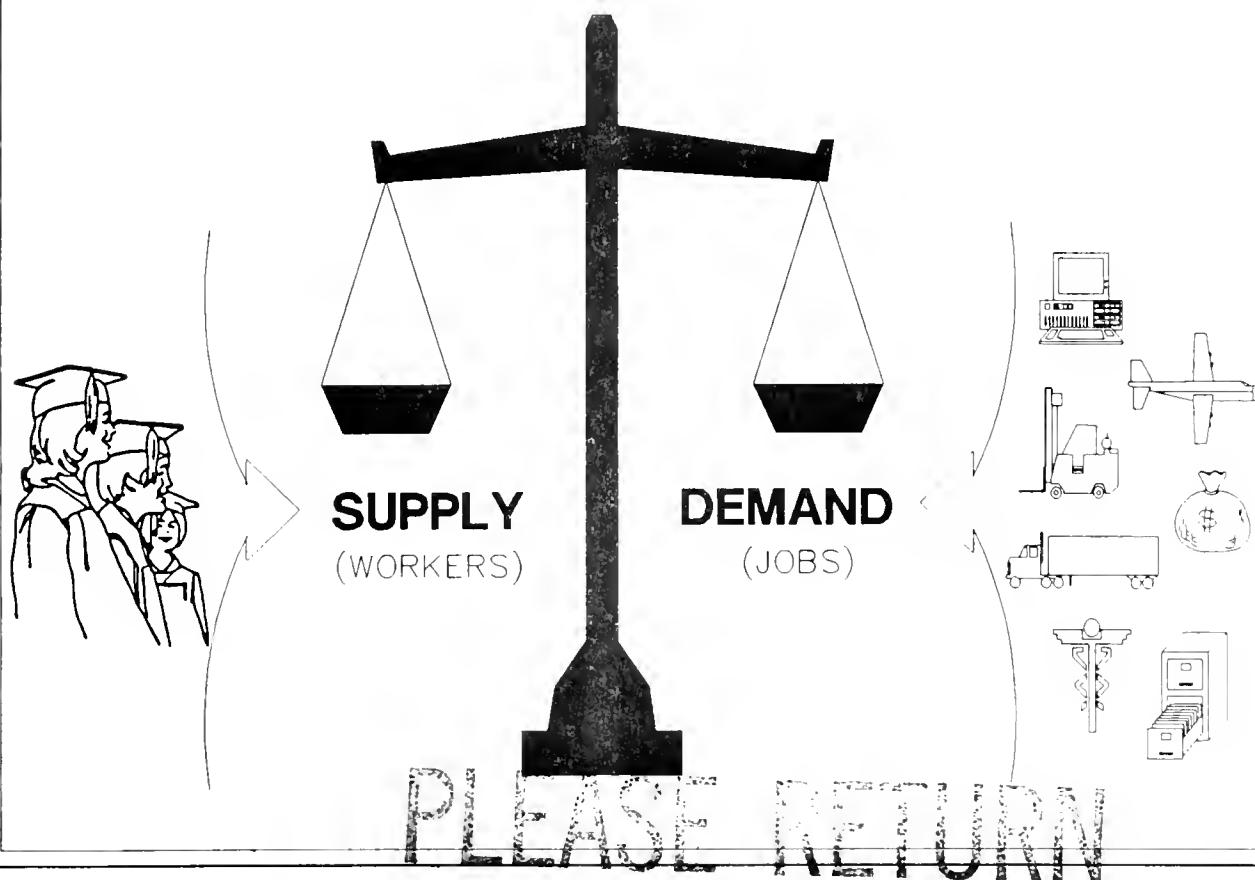
# MONTANA SUPPLY/DEMAND REPORT

Seventh Edition  
September, 1990

STATE DOCUMENTS COLLECTION

OCT 19 1990

MONTANA STATE LIBRARY  
1515 E. 6th AVE.  
HELENA, MONTANA 59620



Montana State  
Occupational  
Information  
Coordinating  
Committee



Montana State Library



3 0864 1004 4505 8

---

# **MONTANA**

## **SUPPLY/DEMAND**

### **REPORT**

---

**September, 1990**

**State of Montana  
Stan Stephens, Governor**

**Department of Labor & Industry  
Mike Micone, Commissioner**

Produced by:

The Montana State Occupational  
Information Coordinating  
Committee (SOICC)  
P.O. Box 1728  
Helena, MT 59624  
Phone: (406) 444-2741

For more information, contact:

Bob Rafferty, Chief  
Research & Analysis Bureau  
Dept. of Labor & Industry  
P.O. Box 1728  
Helena, MT 59624  
Phone: (406) 444-2430



## **SOICC Committee Members**

---

Joe Matthews, Administrator  
Rehabilitative/Visual Services  
Division  
Department of Social and  
Rehabilitation Services

Jim Whealon, Director of  
Vocational Education K-12  
Department of Curriculum Services  
Office of Public Instruction

Robert V. Andersen, Administrator  
Research, Safety and Training Division  
Department of Labor and Industry

Brady Vardemann  
Deputy Commissioner for Vocational  
Technical Education  
Office of the Commissioner of  
Higher Education

Jan Clack, Administrator  
Office of Research and  
Information Services  
Department of Commerce

T. Gary Curtis, Administrator  
Job Service Division  
Department of Labor and Industry

Colleen Allison  
State Job Training  
Coordinating Council

## **SOICC Staff**

Robert N. Arnold  
Program Officer

Kate Kahle  
Data Base Technician

**September, 1990**

## Acknowledgements

---

The information contained within this publication would not have been possible without the joint effort and cooperation of the Montana SOICC's Technical Steering Committee (TSC). The TSC consists of representatives from the SOICC's six member agencies. They are recognized for their continued guidance and support. Current TSC members include:

- Phil Brooks, Office of the Commissioner of Higher Education, University System
- Bob Jahner, Rehabilitative Services Division, Department of Social and Rehabilitation Services
- Leonard Lombardi, Department of Curriculum Services, Office of Public Instruction
- Bob Rafferty, Research, Safety and Training Division, Department of Labor and Industry
- Patricia Roberts, Office of Research and Information Services, Department of Commerce
- Lorelee Robinson, Job Service Division, Department of Labor and Industry
- Anne Wolfinger, Montana Career Information System

Special thanks are extended to the staff of the Montana Career Information System; the Office of the Commissioner of Higher Education; the Office of Research and Information Services, Department of Commerce; the Research, Safety and Training and Job Service divisions, Department of Labor and Industry; Department of Curriculum Services, Office of Public Instruction; and the Rehabilitative/Visual Services Division, Department of Social and Rehabilitation Services. All offered valuable insight into the needs of the audiences and users they serve.

The efforts of Kate Kahle, SOICC Data Base Technician, have made a considerable contribution to this publication. Kate prepared reports using the Micro-Occupational Information System. She wrote much of the information contained within the 1990 edition of the "Montana Supply/Demand Report."

## **Points to Remember About the Montana SOICC**

---

- The Montana SOICC is a committee.
- The SOICC and its work are really an extension of each of its member agencies and their individual agency work.
- All of the SOICC's work is accomplished through interagency cooperation.
- The SOICC compiles data from many agencies, then processes and analyzes the data in a technically appropriate manner to produce information usable by program planners, administrators, and people making career decisions.
- The SOICC's work minimizes duplication between agencies and improves the availability of *useful* information (particularly important in times of reduced budgets).
- The SOICC provides a formal structure that links the work done by education and labor agencies in Montana.
- The SOICC is responsible for designing, implementing, and maintaining a statewide, comprehensive Occupational Information System (OIS) based on current supply (workers) and demand (jobs).

For further information, write or call:

The Montana State Occupational Information  
Coordinating Committee (SOICC)  
P.O. Box 1728  
Helena, Montana 59624  
Phone: (406) 444-2741

## Table of Contents

---

Introduction .....	1
Organization of Reports .....	2
Demand Information.....	2
Supply Information.....	4
Analysis Information .....	6
Summary.....	7
Montana Occupational and Education/Training Program Clusters List .....	8
Montana Clusters--Demand vs. Supply Graph.....	9
Agriculture Clusters .....	10
Communications Clusters.....	19
Finance, Insurance, and Real Estate Clusters .....	25
Health Clusters.....	29
Liberal Arts/Languages Clusters .....	41
Marketing Clusters .....	47
Office Clusters.....	57
Protective Services Clusters .....	71
Skills Clusters .....	75
Service Clusters.....	92
Technology Clusters .....	108
Index .....	123
Appendix A--Montana High Growth Occupations .....	163
Appendix B--Montana Declining Occupations .....	164

## **Introduction**

A continuing challenge faces education and training institutions. The challenge is to identify, design, and offer training programs that serve both the needs of individual participants and the needs of the economy and society. It is crucial that training programs designed to prepare individuals for specific occupations be realistic considering expected job openings (demand) and the expected number of persons available for, and prepared to fill them (supply).

Several factors must be considered in the design of training strategies. Occupational information can serve as a valuable asset to the planner. Recent legislation – in particular, the Carl Perkins Vocational Education Act of 1984 and the Job Training Partnership Act (JTPA) of 1982 – have stressed the value of providing and using occupational information. By mandating the development of national, state, and local occupational information systems (OIS), the common occupational needs of vocational education and employment and training programs are met. Special attention is paid to the labor market information needs of youth and adults.

An OIS adds an important dimension to planning processes because it provides comprehensive data on current and expected labor market conditions. Access to this information has several potential benefits for education and training institutions. For example, it may enable these institutions to play a greater role in economic development efforts, or to respond to employers' needs in a more systematic and timely fashion. The OIS offers planners a broad perspective of employment needs and an efficient means of learning about local labor market conditions.

An OIS, however, cannot provide a planner with a definite quantitative indicator of what to do about a program (For example: "30 additional people need to be

trained in program X."). Analysis and interpretation of possible causes for labor imbalances is not an exact science. Judgment, reason, and the experience of the planner, program advisory groups, and others all need to be considered in analyzing occupational information as a factor in program planning decisions.

An OIS can help planners make better informed decisions. It saves time and increases efficiency by flagging potential problems and documenting areas that are performing well. This allows planners to focus their attention and limited resources on areas that require action.

An OIS can also provide planners with documentation to justify program decisions and aid in getting approval of plans and funding. Showing the potential impact of a program on the economy of the community and the state could prove to be a critical point in getting funding. Use of a comprehensive integrated OIS can help planners justify decisions on the basis of economic impact and answer questions raised in the plan approval process.

The data can also help identify potential trouble spots in the performance of programs and related labor market conditions that may be causing them. OIS information can help educational planners develop programs that address the real and emerging needs of the economy.

Local governments can use information about employment, the supply of skilled workers, and available training programs to attract new businesses and industry. The system can provide information on occupational and employment trends to entrepreneurs who want to start small businesses.

Planning decisions can have broad policy implications and do involve consideration of many factors other than labor market conditions. Among them are:

- Financial resources

- Availability of qualified teachers
- Presence of tenured faculty
- Space
- Facilities
- Equipment
- Materials and curricula
- Student interest

Final recommendations about planning decisions frequently involve compromises or trade-offs of some kind between competing goals. These decisions can only be made by persons involved with and responsible for overseeing programs. What an OIS *can* provide is a common data base for coordinated planning within a state. It also provides a way for planners to identify and analyze areas that need attention.

The primary purpose for setting up SOICCs was, and continues to be, the development and maintenance of a comprehensive occupational information system based on supply (workers) and demand (jobs). These data, with data from the Montana Career Information System (MCIS), are used to support the career planning, guidance, and job search needs of various interest groups.

## **Organization of Reports**

The reports in this publication include demand, supply, and analysis data.

The reports are organized by *clusters*. A *cluster* is the grouping of education/training programs that have common curricula with common occupations that are typically entered as a result of the training. Occupational demand, supply, and analysis characteristics are related to each other by clusters. Montana's OIS contains 75 clusters.

The reports are organized alphabetically by major cluster (e.g., Agriculture Cluster, Communications Cluster), then by sub-cluster (e.g., AG01 Agriculture Production,

AG02 Agriculture Business). There is a demand, supply, and analysis report for most clusters. (Some clusters, such as "LA01 Liberal Arts and Foreign Languages," may not have Montana data for all reports.)

All reports are identified at the top by what data they represent (e.g., "Demand Report," "Supply Report," or "Analysis Information"). The reports also show the cluster title and number.

*Title* and *Code* reflect the title of the occupation or training program.

**Demand:** Demand information is reported in Occupational Employment Statistics (OES) code. The OES is a five-digit code.

**Supply:** Supply information is reported in Classification of Instructional Programs (CIP) code. The CIP is a six-digit code.

**Analysis:** Analysis information is reported in Dictionary of Occupational Titles (DOT) code. The DOT is a nine-digit code.

A description of data elements for each type of report follows.

### **Demand Information**

*Demand* is defined in this report as estimated jobs based on current industry surveys. The demand portion of this report consists of elements defined below.

**OES Matrix Code** (Occupational Employment Statistics) refers to a five-digit OES code that is *usually* – but not always – compatible with other occupational classification structures.

### **Demand Data Elements**

**1986 Employ** (1986 Employment) refers to the number of people who were employed in Montana by occupation at the completion of the OES survey.

**1995 Employ** (1995 Employment) refers to an estimate of the number of people ex-

pected to be employed in the corresponding occupation in 1995. These data incorporate two factors: 1) openings due to growth or decline in the level of occupational demand, and 2) replacement demand resulting from labor force separations. Growth and decline in occupational demand occur because of changes in business/economic conditions and technological advancements. Projections are prepared using procedures set up by the U.S. Department of Labor's Bureau of Labor Statistics. Projections are later used to convert industry employment (captured via survey) to occupational employment in each industry. Results are totalled across industries to get projected employment by occupation.

*Estimated Annual Growth* refers to the average annual growth due to business/economic fluctuations and technological advancements.

*Estimated Annual Replac* (Replacements) refers to average annual job openings that occur as individuals leave their respective occupation because of retirement or death. Job openings which occur due to occupational transfers and migration are not available.

*Estimated Annual Open* (Openings) includes two parts: 1) job openings resulting from industry growth, and 2) job openings resulting from separation (deaths and retirements). Together, these parts make up total average annual openings by occupation.

*Totals* contains the cluster total of the demand report. A comparison of the cluster total of average annual openings and the supply cluster totals gives planners information on growing and declining groups of occupations. They can determine whether or not training programs should be increased, decreased, or changed using new curricula.

### **Limitations in OES Data**

Occupational employment projections produced by the OES program are not precise measurements, but are "best estimates" based on a sample of Montana employers and historical industry employment trends. OES demand data offers users a standard and useful tool for making planning decisions. There is no source of available data that will give users an exact and current picture of occupational demand in their area. Users of demand data should be aware of the following:

- The data cover non-agricultural wage and salaried workers only (not agriculture or self-employed workers).
- Staffing patterns are based on statewide data and do not reflect possible variations from area to area of the state;
- Data are estimated, based on past trends, and therefore cannot predict unusual current or future economic conditions, or capture new occupations;
- Data should be used as estimates, not as exact figures for the state; and
- Average annual openings reflect growth and replacement. They do not reflect current openings due to turnover and mobility.

### **Further OES Information**

Montana's 1995 industry/occupation projections provide reliable estimates of occupational demand. Projections were produced using a matrix based on the OES survey. This matrix deals with employers rather than households.

There are three major parts to the Occupational Employment Statistics program:

1) Survey of non-farm wage and salary employment. The OES survey involves a periodic mailing of survey forms to non-agricultural employers. This is done in a three-year cycle. Different major industries are surveyed each year so the entire sample is completed every three years.

2) Industry/Occupation matrix of staffing patterns. The matrix is a model representing the occupational staffing patterns of each industry. The staffing patterns are based on the result of the OES survey. An important function of the matrix is that it shows where people work (industries) and what they do (occupations).

3) Projections. The third part of the program is the projections, the primary goal of the OES program. There are three elements of the projections: industry projections, occupation projections, and job openings. Annual openings are openings due to growth and separations from the labor force.

The projections show what is likely to happen barring major changes from past trends. The major economic assumptions used by the U.S. Bureau of Labor Statistics are used in these projections. The assumptions are:

- The institutional framework of our economy will not change radically;
- There will be no major events such as a widespread, long-lasting energy shortage or a war which would significantly alter the industrial structure of our economy or the rate of economic growth; and
- Current technological, scientific, and social trends (such as values placed on work, education, income, and leisure) will continue.

The projection information can help us look into the future with some confidence. We must match individuals and jobs to decrease unemployment and increase job satisfaction – which could also benefit the business

community and taxpayers. By using the information provided, people will have a more realistic knowledge of Montana's employment trends and be able to make better decisions for the future.

## **Supply Information**

*Supply* is defined as workers. *Current Supply* is the number of individuals employed in a particular occupation, plus the number of individuals qualified and seeking employment in Montana in that occupation.

Montana's Occupational Information System (OIS) focuses on those people trained and available for employment in specific occupations in Montana at given points in time. An explanation of all elements contained within that report follows.

*Completers* is defined as the number of people completing training programs in Montana. Each training agency reports completers using the six-digit Classification of Instructional Programs (CIP) code. Data in this report are for the school year 1988-1989.

The numbers to the right of the CIP codes reflect the number of completers (supply of workers) trained by the various training agencies.

A common limitation in reporting completers is duplication between reporting agencies. Studies have determined that the duplication rate for completers is not more than 10% between and among state agency reporting systems.

## **Supply Data Elements**

*Public Second* (Secondary) refers to the number of high school students who have completed four semesters of a vocational education training program and are available for work in the state.

**Limitations:** Class-based reporting systems may result in duplicate program enrollment or completion counts.

Voc Tech (Vocational Technical) represents completers from the five state Vocational Technical Centers.

Limitations: Class-based reporting often results in duplicate program enrollment or completion counts. Many postsecondary enrollees and completers are employed while learning.

Higher Educ (Higher Education) lists all certificates and degrees awarded from all units of the Montana University System, including universities, tribal, community, and private colleges.

Limitations: Class-based reporting often results in duplicate program enrollment or completion counts. Many postsecondary enrollees and completers are employed while learning. Non-accredited colleges and universities are excluded from reporting systems. Supply information here reflects only the actual number of degrees and certificates awarded.

JTPA (Job Training Partnership Act) refers to information compiled using the JTPA client file. We used data for eligible clients who received and completed training in either classroom or on-the-job training (OJT) during a one-year period. The data was collected from July 1, 1988 through June 30, 1989. The data was reported in DOT code and crosswalked to CIP code.

Limitations: The U.S. Department of Labor does not require detail on training programs and clients. Some clients are “recycled” through several training programs and could be counted several times. Data are not available by Social Security number – only via DOT code. Often, JTPA classroom training occurs through the vocational education system. A JTPA trainee could potentially be counted in vocational education reporting, thus duplicating the counts of the available labor supply for a given occupation.

Job Corps reflects completers from the three Montana Job Corps Training Centers

statewide. This information shows the number of persons (by training program) that returned to the state after completing a Job Corps training program, or left with marketable skills. Data was collected for the period July 1, 1988 to June 30, 1989.

Limitations: Job Corps centers are not required by any state or federal agency to report completer data. Tabulation of this information was done by the National Occupational Information Coordinating Committee (NOICC).

Priv School (Private School) includes completers from private training schools statewide, such as cosmetology schools, real estate schools, tax preparation schools, etc.

Limitations: JTPA clients and Vocational Rehabilitation clients enrolled in postsecondary career school programs are counted in their respective management information systems as well as by the SOICC's survey of these schools. Unfortunately, those individuals are counted twice in the report's supply data.

Voc Rehab (Vocational Rehabilitation) refers to completers trained with funds provided by Vocational Rehabilitation in Montana. Data is reported by DOT code and crosswalked to CIP code.

Limitations: Clients of Vocational Rehabilitation may receive services over an extended time, and their entry into the labor market is not always known. Some clients may not get specific occupational skills. Some may get training on generic skills that help to overcome handicaps. Job restructuring and job tailoring are key ingredients in vocational rehabilitation. After Voc Rehab training, some clients receive more training from other agencies, so the potential for duplication exists here.

Other supply sources not contained in this report, but which should be considered when making program training decisions, include:

- Occupational transfers (those who transfer from one occupation to another);
- The number of people who migrate in/out of Montana;
- Job Service applicants. Applicants provide a partial measure of the number of individuals seeking work through various employment agencies. Because the applicants are registered with Job Service, this measure of occupational supply covers only public sector agency registrants. This category is defined in the Analysis Information section of this publication; and
- Re-entrants to the labor force due to change in economic conditions (displaced workers).

true in the construction industry where completers become a part of the labor pool for many different employers.

*LS App* (Job Service Applicants) and *LS Open* (Job Service Openings) information contains data from the Job Service offices in Montana taken from the Employment Security Automated Reporting System (ESARS) reports. About 95% of all unemployment insurance claimants are registered applicants through the Job Service.

Caution should be used when using this data. ESARS data is reported from Table B96. The specific DOT codes summarized on Table B96 are selected on the basis of importance to employment testing, labor certification, occupational analysis, and labor market information. The decision to display these DOT codes is based on two criteria:

- 1) Importance to the national labor market in the current program year shown by receipt of over 1,000 job openings in that particular DOT, and
- 2) Importance to program operations in the areas of employment testing, labor certification, occupational analysis, or labor market information during the current program year.

*Avg Hrwage* (Average Hourly Wage) information comes from the "Fringe Benefit and Wage Information" publication from the Research and Analysis Bureau, Department of Labor and Industry. Data was collected through a survey of employers doing business in private non-agricultural industries within Montana.

The analysis information should be used with the supply of program completers and the estimated annual average job openings, along with any other information available for planning training programs.

NOTE: Military Returnees information was not available this year.

## **Summary**

In summary, statewide supply/demand data are extremely useful as a planning and counseling tool. These data do have limitations. Each counselor's and planner's professional judgment, combined with all available local data, is paramount in the planning process.

If you have problems using this report or have suggestions to improve it, call the Montana SOICC at (406) 444-2741 for further information and explanation.

# **Montana Occupational and Education/Training Program Clusters List**

## **Agriculture & Forestry Cluster**

- AG01 Agriculture Production
- AG02 Agriculture Business
- AG03 Agriculture Mechanics
- AG04 Horticulture & Landscaping
- AG05 Forestry & Lumber Production
- AG06 Fish & Wildlife
- AG07 Animal Care

## **Communications Cluster**

- CM01 Mass Communications
- CM02 Advertising & Writing
- CM03 Commercial Art & Graphic Art
- CM04 Printing & Photography

## **Finance, Insurance & Real Estate Cluster**

- FR01 Finance
- FR02 Insurance
- FR03 Real Estate

## **Health Cluster**

- HE01 Dental Technology
- HE02 Medical Laboratory
- HE03 Licensed Practical Nursing
- HE04 Surgical Technology
- HE05 Nursing Assistance
- HE06 Radiologic Technology
- HE07 Rehabilitation
- HE08 Other Medical Technology
- HE09 Registered Nursing
- HE10 Physician

## **Liberal Arts & Languages Cluster**

- LA01 Liberal Arts & Foreign Languages
- LA02 History & Philosophy
- LA03 Library Arts
- LA04 Fine Arts
- LA05 Social Sciences

## **Marketing Cluster**

- MK01 Marketing Management
- MK02 Sales
- MK03 Manufacturing
- MK04 Recreation & Tourism

## **Office Management Cluster**

- OF01 Bookkeeping & Accounting
- OF02 Clerical Office Practice

- OF03 Office & Information Services
- OF04 Personnel, Labor Relations, & Law
- OF05 Secretarial Office Practice
- OF06 Administration/Office Management
- OF07 Data Entry & Computer Operation
- OF08 Computer Science & Programming

## **Protective Service Cluster**

- PS01 Emergency Medical Technology
- PS02 Fire & Fire Safety
- PS03 Police Science & Criminology

## **Skills Cluster**

- SK01 Electrical & Electronic Technology
- SK02 Appliance Repair
- SK03 Welding
- SK04 Carpentry & Construction Trades
- SK05 Heavy Equipment Repair
- SK06 Transportation & Engine Repair
- SK07 Machine Shop
- SK08 Metalworking
- SK09 Utilities
- SK10 Textiles

## **Service Cluster**

- SV01 Custodial & Maintenance Service
- SV02 Vehicle Operators
- SV03 Barbering & Cosmetology
- SV04 Child Care Services
- SV05 Teaching, All Levels
- SV06 Food Production
- SV07 Food Service
- SV08 Mortuary Service
- SV09 Theological Service
- SV10 Social Work

## **Technology Cluster**

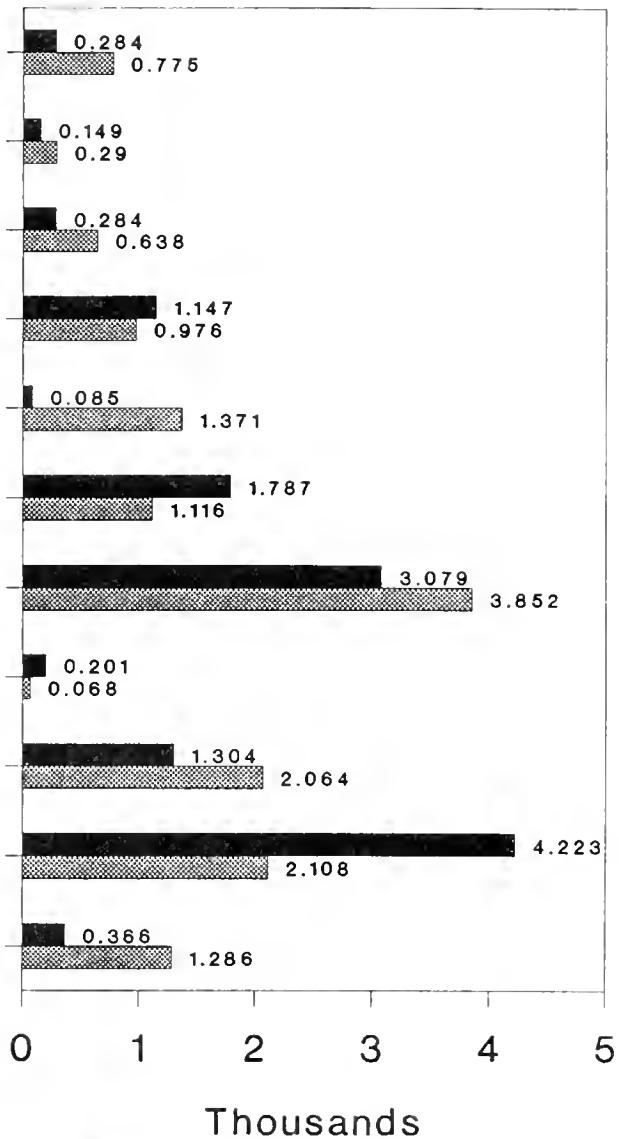
- TC01 Power Station Operator
- TC02 Architectural & Civil Technology
- TC03 Chemical Technology
- TC04 Environmental Control Technology
- TC05 Mechanical Technology
- TC06 Precision Instrument Technology
- TC07 Math & Physical Sciences
- TC08 Aviation
- TC09 Industrial Engineering
- TC10 Natural Resources Technology
- TC11 Engineering

# MONTANA CLUSTERS

## DEMAND VS. SUPPLY

ESTIMATED ANNUAL OPENINGS VS. TRAINING COMPLETERS

AGRICULTURE & FORESTRY



0 1 2 3 4 5

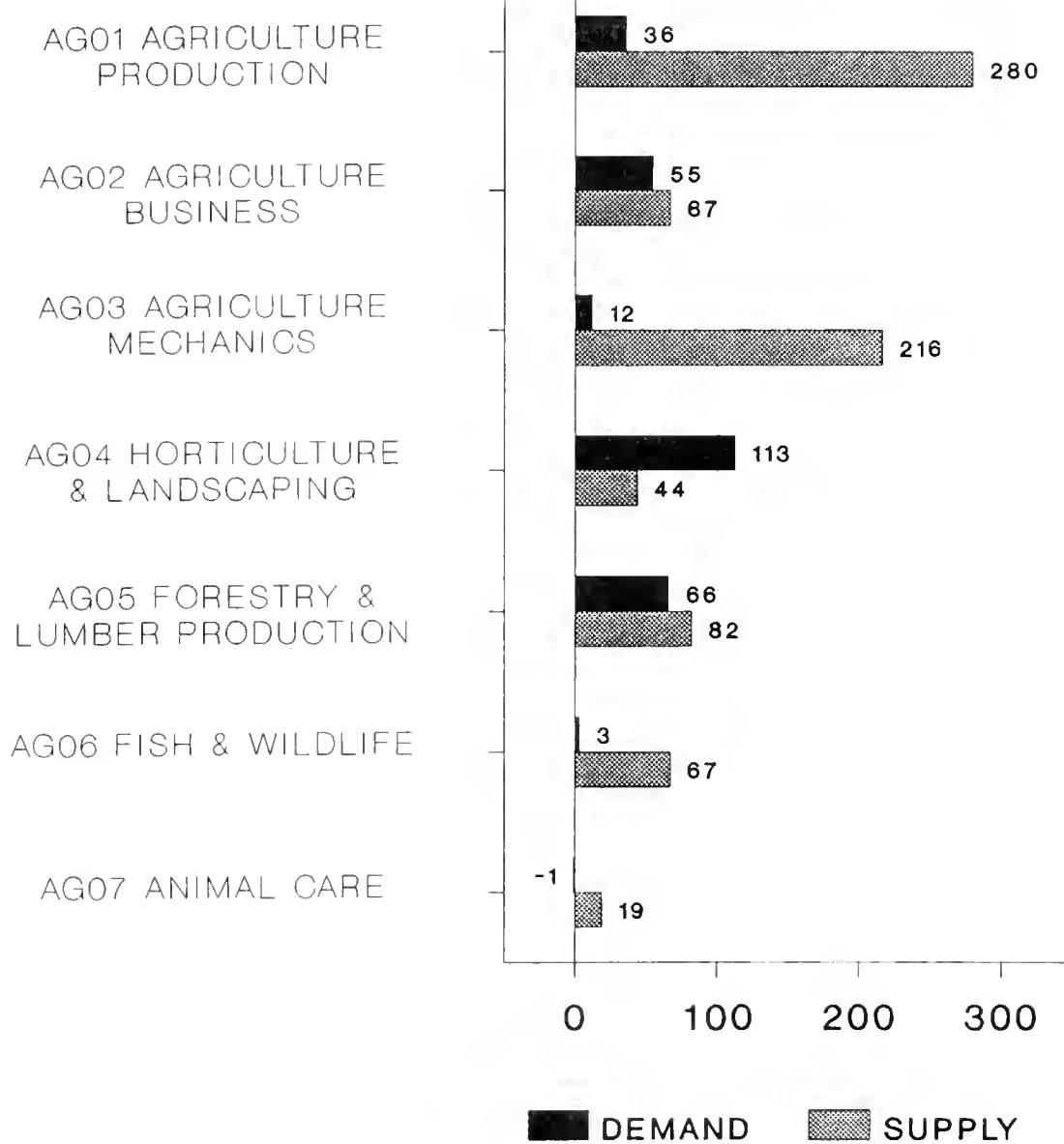
Thousands

DEMAND    SUPPLY

# AGRICULTURE CLUSTERS

## DEMAND VS. SUPPLY

ESTIMATED ANNUAL OPENINGS VS. TRAINING COMPLETERS



## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
AGRICULTURAL & FOOD SCIENTISTS	24305	184	210	3	4	7
BIOLOGICAL, AGRIC., FOOD TECHN.	24502	140	152	1	3	4
GRADERS & SORTERS, AGRIC.PRODUCT	79011	7	8	0	1	1
FARM EQUIPMENT OPERATORS	79021	5	5	0	0	0
ALL OTHER AGRIC., FOREST, FISH.	79999	506	559	6	18	24
***TOTALS		842	934	10	26	36

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
AGRICULTURAL PRODUCTI	01.0301	220							220
ANIMAL PRODUCTION	01.0302				2			2	4
CROP PRODUCTION	01.0304				5				5
FOOD PRODUCTS	01.0402				1				1
AGRICULTURAL SERVICES	01.0502				2				2
ANIMAL TRAINING	01.0505				1				1
ANIMAL SCIENCES, GENER	02.0201			30					30
LIVESTOCK	02.0208				1				1
AGRONOMY	02.0402			12				1	13
ENTOMOLOGY	26.0702			3					3
***TOTALS		220		45	12			3	280

## ANALYSIS INFORMATION

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
403.687-018	HARVEST WORKER, FRUIT	0	22	3	N.A.
404.687-010	FARMWORKER, FIELD CROP 2	0	7	0	N.A.
404.687-014	HARVEST WORKER, FIELD CROP	0	4	4	N.A.
410.134-010	SUPERVISOR, LIVESTOCK-YARD	0	0	0	5.34
410.674-018	LIVESTOCK-YARD ATTENDANT	0	0	0	4.36
410.684-010	FARMWORKER, DAIRY	0	22	0	N.A.
529.132-054	SUPERVISOR, FEED MILL	0	0	0	9.03
529.687-130	LABORER	0	5	0	N.A.
529.687-186	SORTER, AGRICULTURAL PRODUCE	0	154	4	N.A.
920.687-134	PACKER, AGRICULTURAL PRODUCE	0	13	0	N.A.
921.683-026	CONVEYOR OPERATOR	0	0	0	5.89

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY						
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN	
PURCHASING AGENTS & BUYERS, FARM	21305	135	155	2	9	11	
PURCHASING AGENT EX.WHO/RET/FARM	21308	324	369	5	19	24	
FARM & HOME MANAGEMENT ADVISORS	31323	289	305	2	14	16	
FIRST LINE SUPERV.AG,FOREST,FISH	72002	161	172	1	3	4	
***TOTALS		909	1001	10	45	55	

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
AGRICULTURAL BUSINESS 01.0101				25					25
AGRICULTURAL BUSINESS 01.0102				9				1	10
AGRICULTURAL ECONOMIC 01.0103				6					6
AGRIBUSINESS & AGRICUL 01.9999				10					10
RANGE MANAGEMENT 02.0409				6					6
SOIL SCIENCES 02.0501				10					10
***TOTALS				66				1	67

NO ANALYSIS REPORT

## DEMAND REPORT

[STATEWIDE]

- OCCUPATION - TITLE	OES CODE	1986		1995		EST. ANNUAL 1986-1995		
		EMPLOY	EMPLOY	GROWTH	REPLAC	OPEN		
AGRICULTURAL ENGINEERS	22123	19	22	0	3	3		
FARM EQUIPMENT MECHANICS	85321	272	263	-1	10	9		
***TOTALS		291	285	-1	13	12		

## SUPPLY REPORT

[STATEWIDE]

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC		JOB JTPA	PRIV. CORPS	VOC SCHOOL	TOTAL *****	SCHOOL YEAR 1988-89
				JTPA	PRIV.					
AGRICULTURAL MECHANIC 01.0201	193		11	1						205
AGRICULTURAL POWER MA 01.0204				6	2					8
AGRICULTURAL ENGINEER 14.0301				3						3
***TOTALS	193		11	10	2					216

## ANALYSIS INFORMATION

[STATEWIDE]

D.O.T. CODE	D.O.T. TITLE	APPREN	MONTANA DEPARTMENT OF LABOR AND INDUSTRY		
			J.S. APPS	J.S. OPEN	AVG. HRWAGE
624.281-010 FARM-EQUIPMENT MECHANIC 1		0	35	22	N.A.
624.381-018 FARM-MACHINERY SET-UP MECHANIC		0	0	0	6.49

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
NURSERY WORKERS	79005	65	73	1	7	8
GARDENERS & GROUNDSKEEPERS	79014	860	989	14	91	105
***TOTALS		925	1062	15	98	113

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
HORTICULTURE, GENERAL	01.0601					1			1
LANDSCAPING	01.0605				4	1		1	6
NURSERY OPERATION & M	01.0606					3			3
TURF MANAGEMENT	01.0607					1		2	3
HORTICULTURE SCIENCE	02.0403				14			1	15
FLORAL DESIGN	20.0504					1		3	4
BOTANY, GENERAL	26.0301				8				8
PLANT PATHOLOGY	26.0305				4				4
***TOTALS					26	9	2	7	44

## ANALYSIS INFORMATION

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
142.081-010	FLORAL DESIGNER	0	0	0	4.87
405.684-014	HORTICULTURAL WORKER 1	0	0	0	4.21
406.137-010	GREENSKEEPER 1	0	0	0	13.73
406.683-010	GREENSKEEPER 2	0	0	0	5.58
406.684-010	CEMETERY WORKER	0	14	16	N.A.
406.684-014	GROUNDKEEPER, INDUSTRIAL-COMMERCIAL	0	0	0	5.16
408.161-010	LANDSCAPE GARDENER	0	127	14	N.A.

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
FORESTER, CONSERVATION SCIENTIST	24302	688	743	6	7	13
FALLERS & BUCKERS	73002	733	777	5	11	16
CHOKE SETTERS	73005	112	118	1	2	3
LOG HANDLING EQUIPMENT OPERATORS	73008	236	253	2	3	5
LOGGING TRACTOR OPERATORS	73011	457	484	3	4	7
ALL OTHER TIMBER CUTTING WORKERS	73099	3	3	0	0	0
FOREST & CONSERVATION WORKERS	79002	1087	1079	-1	20	19
LOG GRADERS & SCALERS	79008	62	66	0	1	1
HEAD SAWYERS	92305	115	123	1	1	2
***TOTALS		3493	3646	17	49	66

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89							
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JOB JTPA	PRIV. CORPS	VOC SCHOOL	TOTAL *****
FORESTRY PRODUCTION &	03.0401	32		1				33
FOREST PRODUCTION	03.0402						1	1
FOREST PRODUCTS UTILIZ	03.0403				2			2
FOREST PRODUCTS PROCE	03.0404				5			5
LOGGING	03.0405				5			5
FORESTRY & RELATED SCI	03.0501			12				12
FOREST MANAGEMENT	03.0506			20				20
FORESTRY & RELATED SCI	03.0599			4				4
***TOTALS		32		37	12			1 82

## ANALYSIS INFORMATION

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

[STATEWIDE]

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
040.061-034	FORESTER	0	22	5	N.A.
452.364-010	FORESTER AIDE	0	486	225	N.A.
454.384-010	FALLER 1	0	0	0	12.51
454.683-010	TREE-SHEAR OPERATOR0	0	0	0	10.65
454.684-010	BUCKER	0	0	0	10.43
454.684-018	LOGGER, ALL-ROUND	0	0	0	11.10
454.687-010	CHAINSAW OPERATOR	0	0	0	10.37
455.487-010	LOG SCALER	0	0	0	11.26
663.682-010	BARKER OPERATOR	0	0	0	9.29
665.482-018	TIMBER-SIZER OPERATOR	0	0	0	10.08
667.482-010	LOG-CUT-OFF SAWYER, AUTOMATIC	0	0	0	8.70
667.482-022	TRIMMER SAWYER	0	0	0	10.01
667.662-010	HEAD SAWYER	0	0	0	11.94
667.682-058	RESAW OPERATOR	0	0	0	9.68
667.686-014	SAWMILL WORKER	0	0	0	8.38
669.587-010	GRADER	0	0	0	10.00
921.683-058	LOG LOADER	0	0	0	11.74
921.687-014	CHOKE SETTER	0	0	0	12.51
929.683-010	LOGGING-TRACTOR OPERATOR	0	208	70	N.A.

**CLUSTER TITLE: FISH & WILDLIFE****CLUSTER CODE AG06****D E M A N D   R E P O R T****[STATEWIDE]****MONTANA DEPARTMENT OF LABOR AND INDUSTRY**

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
FISH & GAME WARDENS	63041	71	76	1	2	3
	***TOTALS	71	76	1	2	3

**S U P P L Y   R E P O R T****[STATEWIDE]****SCHOOL YEAR 1988-89**

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
CONSERVATION & REGULA	03.0201			8					8
CONSERVATION	03.0202					7			7
WILDLIFE MANAGEMENT	03.0601			51				1	52
	***TOTALS			59		7		1	67

**NO ANALYSIS REPORT**

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	GROWTH	EST. ANNUAL REPLAC	OPEN
VETERINARIANS, VET. INSPECTORS	32114	22	25	0	0	0
ANIMAL CARETAKERS, EXCEPT FARM	79017	83	69	-2	1	-1
***TOTALS		105	94	-2	1	-1

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
HORSE HANDLING & CARE	01.0507					1			1
CLINICAL ANIMAL TECHNO	17.0303					2			2
VETERINARIAN ASSISTING	17.0512					3			2 5
ZOOLOGY, GENERAL	26.0701				11				11
***TOTALS					11	6			2 19

## ANALYSIS INFORMATION

[STATEWIDE]

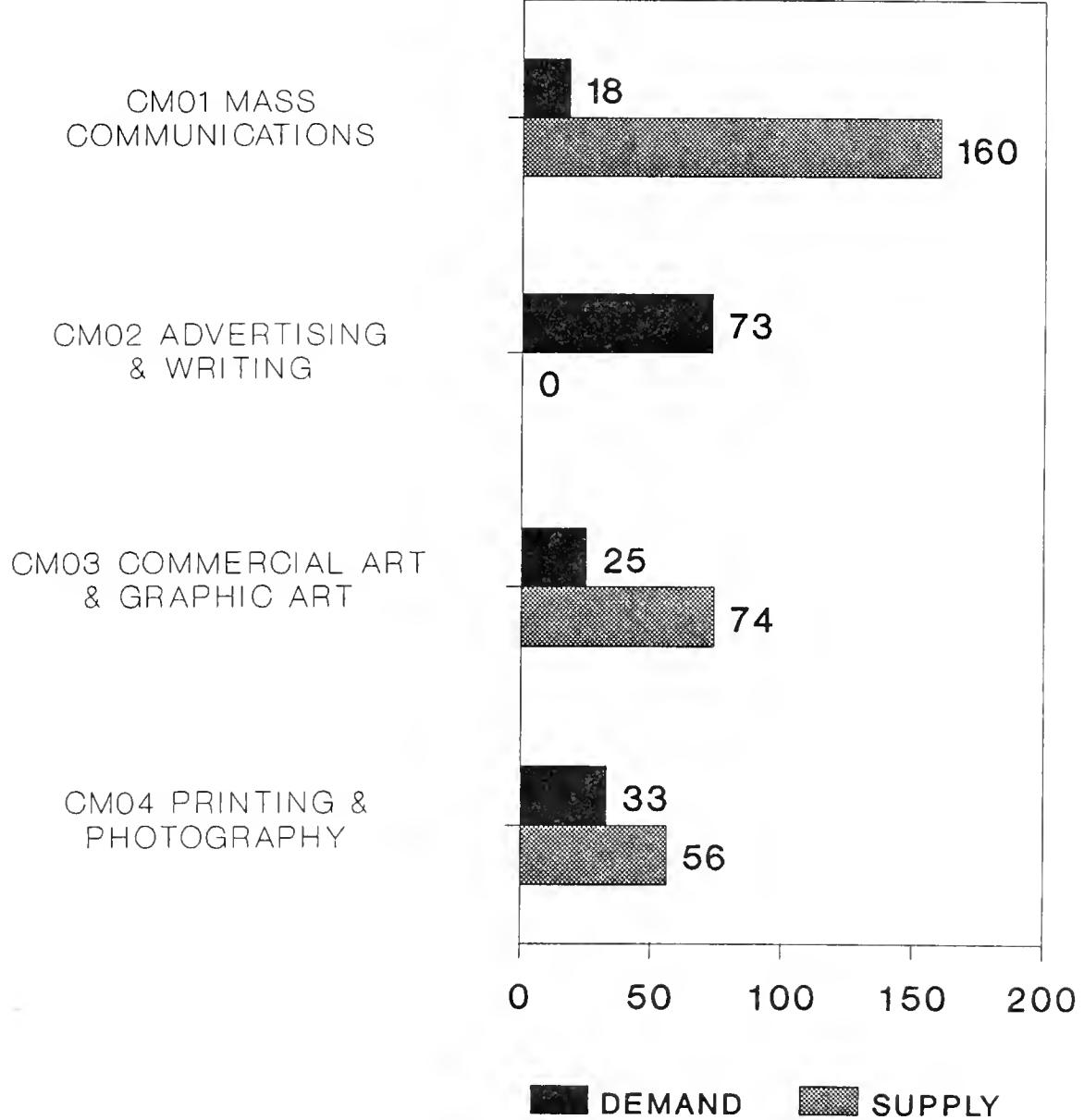
MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
073.101-010	VETERINARIAN	0	7	0	N.A.
410.687-022	SHEEP HERDER	0	28	20	N.A.

# COMMUNICATIONS CLUSTERS

## DEMAND VS. SUPPLY

ESTIMATED ANNUAL OPENINGS VS. TRAINING COMPLETERS



## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	REPLAC	OPEN
REPORTERS & CORRESPONDENTS	34011	197	217	2	11	13
BROADCAST NEWS ANALYSTS	34014	59	55	0	3	3
ANNOUNCERS, RADIO & TV	34017	436	404	-4	4	0
BROADCAST TECHNICIANS	34028	71	69	0	1	1
PROOFREADERS & COPY MARKERS	53911	17	19	0	1	1
***TOTALS		780	764	-2	20	18

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
COMMUNICATIONS, GENE	09.0101			24					24
JOURNALISM (MASS COM	09.0401			28					28
RADIO, TELEVISION, GEN	09.0701	33		11				2	46
RADIO/TELEVISION PROD	10.0104					40		1	41
SOUND RECORDING TECH	10.0105					2			2
VIDEO TECHNOLOGY	10.0106							1	1
COMPOSITION	23.0401			3					3
CREATIVE WRITING	23.0501			15					15
***TOTALS		33		81			42	4	160

## ANALYSIS INFORMATION

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
003.167-030	ENGINEER-IN-CHARGE, STUDIO OPERATIONS	0	0	0	14.29
131.067-014	COPY WRITER	0	0	0	8.14
131.267-010	NEWSCASTER	0	0	0	6.32
131.267-018	REPORTER	0	0	0	6.79
163.167-014	MANAGER, CIRCULATION	0	6	2	9.42
184.167-014	DIRECTOR, NEWS	0	0	0	8.88

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	REPLAC	OPEN
MARKETING, ADV., PUBLIC REL.MGRS	13011	700	773	8	13	21
WRITERS & EDITORS	34002	306	328	2	18	20
TECHNICAL WRITERS	34005	15	20	1	0	1
PUBLIC RELATIONS SPECIALISTS	34008	190	200	1	6	7
SALES AGENTS, ADVERTISING	43023	429	458	3	20	23
ADVERTISING CLERKS	53908	66	75	1	0	1
***TOTALS		1706	1854	16	57	73

NO SUPPLY REPORT

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
131.267-026	WRITER, TECHNICAL PUBLICATIONS	0	21	1	8.47
132.037-022	EDITOR, PUBLICATIONS	0	0	0	7.83
163.167-010	MANAGER, ADVERTISING	0	0	0	8.56

CLUSTER TITLE: COMMERCIAL ART &amp; GRAPHIC ART

CLUSTER CODE CM03

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
ARTISTS & RELATED WORKERS	34035	92	117	3	5	8
DESIGNERS, EXC. INTERIOR DESIGN.	34038	195	238	5	5	10
INTERIOR DESIGNERS	34041	76	99	3	2	5
MERCHANDISE DISPLAYERS	34044	79	83	0	2	2
***TOTALS		442	537	11	14	25

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
INTERIOR DESIGN	04.0501			2					2
GRAPHIC ARTS	21.0106		61						61
COMMERCIAL ART	48.0203				1			1	2
FIBER/TEXTILES/WEAVING	50.0204				1				1
GRAPHIC DESIGN	50.0402					4			4
SCULPTURE	50.0709				1				1
PRINTMAKING	50.0710				1			2	3
***TOTALS		61		2	4		4	3	74

## ANALYSIS INFORMATION

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
141.061-018	GRAPHIC DESIGNER	0	0	0	6.05

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
PHOTOGRAPHERS	34023	106	121	2	2	4
CAMERA OPERATORS, TV & MOVIES	34026	34	35	0	1	1
PRECISION COMPOSITOR, TYPESETTER	89702	61	61	0	1	1
JOB PRINTERS	89705	61	67	1	2	3
PRECISION LITHOGRAPHERS & PHOTO.	89708	31	34	0	0	0
BOOKBINDERS	89711	11	12	0	2	2
ALL OTHER PRECISION PRINTING	89799	1	1	0	0	0
PHOTOGRAPHIC PROCESS WORKERS	89914	5	5	0	0	0
OFFSET LITHOGRAPHIC PRESS SETTER	92512	74	80	1	2	3
LETTERPRESS SETTER/OPERATOR	92515	28	26	0	1	1
ALL OTHER PRINTING PRESS SET/OP.	92519	1	1	0	0	0
PHOTOENGRAVING & LITH. PHOTOGRA.	92521	18	20	0	0	0
SCREEN PRINTING MACH. SETTER/OP.	92524	2	4	0	0	0
BINDERY MACHINE SETTER/OPERATOR	92525	25	27	0	0	0
TYPESETTING MACH. OPERATOR/TEND.	92541	85	91	1	2	3
PRINTING PRESS MACHINE OPERATOR	92543	134	150	2	5	7
PHOTOENGRAVING & LITHOG. OPER.	92545	14	15	0	0	0
BINDERY MACHINE OPERATORS	92546	34	36	0	0	0
ALL OTHER PRINTING, BINDING, REL	92599	2	2	0	0	0
MOTION PICTURE PROJECTIONISTS	92905	60	51	-1	8	7
PHOTOGRAPHIC PROCESSING MACH.OP.	92908	62	73	1	0	1
<b>***TOTALS</b>		<b>849</b>	<b>912</b>	<b>7</b>	<b>26</b>	<b>33</b>

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
GRAPHIC & PRINTING CO	48.0201	41		5					46
COMMERCIAL PHOTOGRAP	48.0204				1				1
PHOTOGRAPHIC LABORAT	48.0207				1				1
PRINTING PRESS OPERATI	48.0208				3	1		2	6
SILK SCREEN MAKING & PR	48.0209				2				2
<b>***TOTALS</b>		<b>41</b>		<b>5</b>	<b>6</b>	<b>1</b>		<b>3</b>	<b>56</b>

### A N A L Y S I S   I N F O R M A T I O N

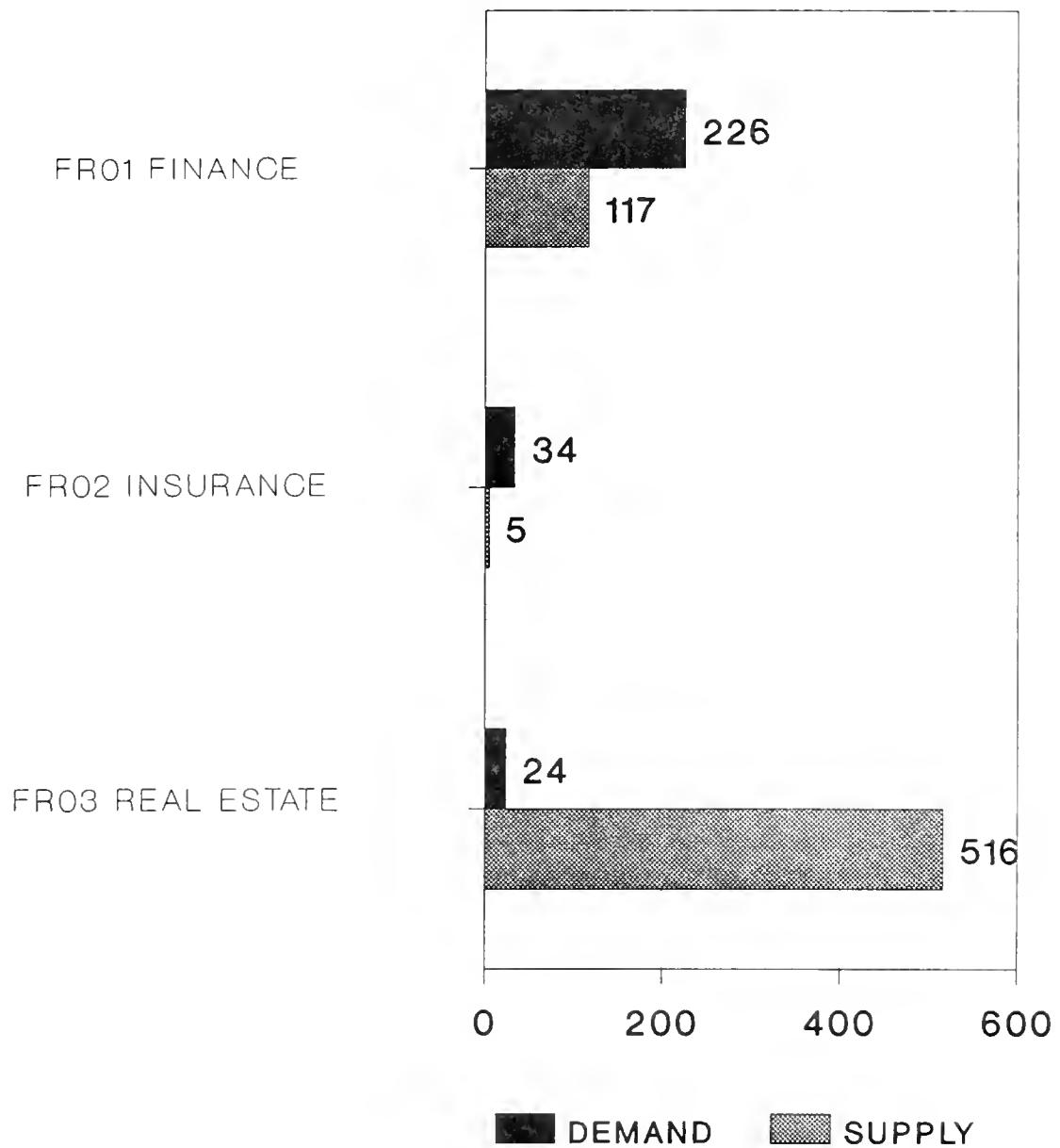
[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
194.282-010	VIDEO OPERATOR	0	0	0	6.03
203.582-062	TYPESETTER-PERFORATOR OPERATOR	0	5	3	N.A.
207.682-018	OFFSET-DUPLICATING-MACHINE OPERATOR	0	0	2	N.A.
209.387-030	PROOFREADER	0	6	1	N.A.
650.582-014	MONOTYPE-KEYBOARD OPERATOR	0	1	0	N.A.
650.582-022	PHOTOTYPESETTER OPERATOR	0	0	0	7.03
651.362-010	CYLINDER-PRESS OPERATOR	0	0	0	7.73
651.362-030	WEB-PRESS OPERATOR	2	2	3	N.A.
651.380-010	PRINTER 2	0	0	0	8.75
651.482-010	OFFSET-PRESS OPERATOR 1	0	0	0	8.45
653.382-010	FOLDING-MACHINE OPERATOR	0	1	0	N.A.
653.685-010	BINDERY WORKER	0	0	0	6.36
659.130-010	SUPERVISOR, PRINTING-SHOP	0	0	0	10.04
971.381-050	STRIPPER	0	0	1	9.54
972.382-014	PHOTOGRAPHER, LITHOGRAPHIC	0	0	0	8.10
973.381-010	COMPOSITOR	0	0	0	6.98
976.487-010	PHOTOGRAPH FINISHER	0	3	0	N.A.
976.682-014	PRINTER OPERATOR, BLACK-AND-WHITE	0	6	0	N.A.

# \*FIRE CLUSTERS DEMAND VS. SUPPLY

ESTIMATED ANNUAL OPENINGS VS. TRAINING COMPLETERS



\*FIRE = FINANCE, INSURANCE, REAL ESTATE

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
FINANCIAL MANAGERS	13002	2178	2504	36	58	94
CREDIT ANALYSTS	21105	365	424	7	13	20
LOAN OFFICERS & COUNSELORS	21108	303	335	4	7	11
TAX PREPARERS	21111	175	185	1	4	5
ALL OTHER FINANCIAL SPECIALISTS	21199	206	228	2	5	7
TAX EXAMINER, COLLECTOR, REV. AGENT	21914	207	206	0	10	10
ASSESSORS	21917	312	345	4	15	19
ACTUARIES	25313	19	27	1	1	2
FINANCIAL ANALYSTS, STATISTICAL	25315	44	54	1	3	4
SECURITIES, FINANCIAL SERV. SALES	43014	354	471	13	21	34
LOAN INTERVIEWERS	53111	46	55	1	1	2
CREDIT AUTHORIZERS	53114	18	21	0	1	1
CREDIT CHECKERS	53117	94	121	3	2	5
BILL & ACCOUNT COLLECTORS	53508	260	324	7	5	12
***TOTALS		4581	5300	80	146	226

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
BANKING & FINANCE	06.0301			113					113
FINANCIAL SERVICES MAR	08.0401				3			1	4
***TOTALS			113	3			1	117	

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE	
020.167-014 FINANCIAL ANALYST		0	0	0	18.62	
186.117-074 TRUST OFFICER		0	0	0	15.65	
186.267-018 LOAN OFFICER		0	0	0	12.62	
191.267-014 CREDIT ANALYST		0	0	0	10.25	
205.367-022 CREDIT CLERK		0	0	0	7.24	
211.362-018 TELLER		0	273	168	5.42	
219.132-014 SUPERVISOR, TRUST ACCOUNTS		0	0	0	9.43	

## DEMAND REPORT

[STATEWIDE]		MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE		OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
UNDERWRITERS		21102	174	225	6	5	11
SPECIAL AGENTS, INSURANCE		21505	133	174	5	3	8
CLAIMS EXAMINERS, INSURANCE		21921	40	50	1	2	3
INSURANCE ADJUSTERS, INVESTIGATORS		53302	225	291	7	5	12
INSURANCE APPRAISERS, AUTO DAMAGE		53305	4	5	0	0	0
	***TOTALS		576	745	19	15	34

## SUPPLY REPORT

- PROGRAM - TITLE		CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
INSURANCE CLERK		07.0203					5			5
***TOTALS							5			5

## ANALYSIS INFORMATION

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
166.167-046	SPECIAL AGENT	0	0	0	13.21
169.167-058	UNDERWRITER	0	19	1	7.36
214.482-022	RATER	0	6	2	5.58
219.362-042	POLICY-CHANGE CLERK	0	0	0	4.94
241.217-010	CLAIM ADJUSTER	0	25	3	11.66
241.267-018	CLAIM EXAMINER	0	0	0	11.61
241.362-010	CLAIMS CLERK 1	0	0	0	7.23

CLUSTER TITLE: REAL ESTATE

CLUSTER CODE FR03

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
PROPERTY, REAL ESTATE MANAGEMENT	15011	5	5	0	0	0
TITLE SEARCHERS	28308	53	61	1	3	4
BROKERS, REAL ESTATE	43005	89	102	1	5	6
SALES AGENTS, REAL ESTATE	43008	89	104	2	5	7
REAL ESTATE APPRAISERS	43011	79	95	2	5	7
***TOTALS		315	367	6	18	24

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
REAL ESTATE	06.1701		27	2			487		516
	***TOTALS		27	2			487		516

## ANALYSIS INFORMATION

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

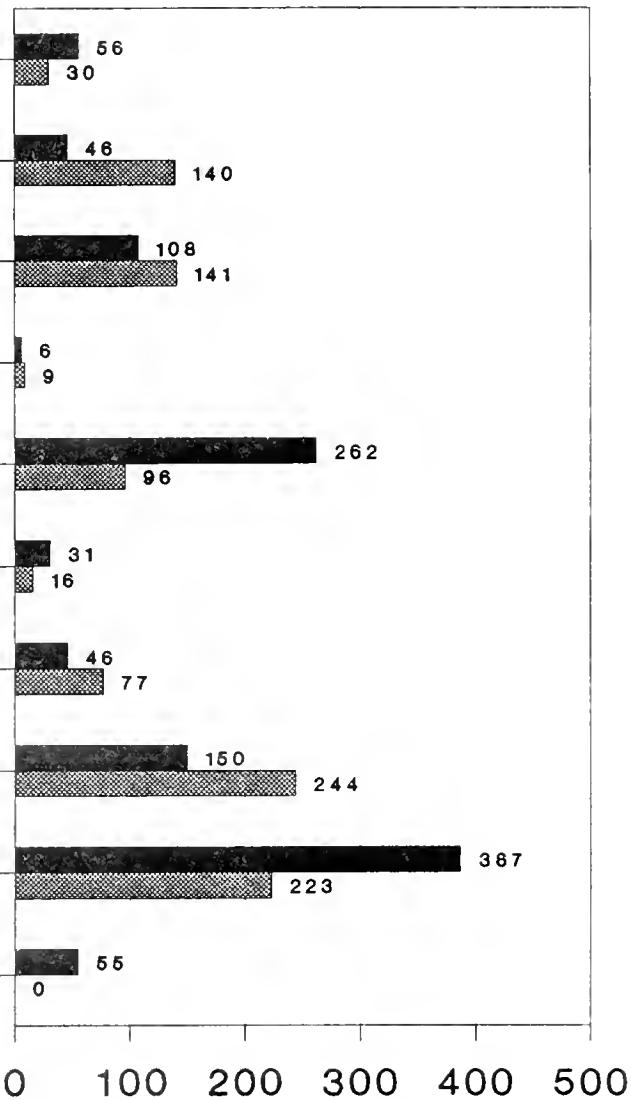
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
186.167-046	MANAGER, PROPERTY	0	0	0	11.13

# HEALTH CLUSTERS

## DEMAND VS. SUPPLY

ESTIMATED ANNUAL OPENINGS VS. TRAINING COMPLETERS

HE01 DENTAL TECHNOLOGY



HE10 PHYSICIAN

■ DEMAND ■ SUPPLY

## DEMAND REPORT

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
DENTISTS	32105	256	322	7	18	25
DENTAL HYGIENISTS	32908	273	344	8	2	10
DENTAL ASSISTANTS	66002	574	720	16	2	18
DENTAL LABORATORY TECHNICIANS	89921	52	67	2	1	3
***TOTALS		1155	1453	33	23	56

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
DENTAL ASSISTING	17.0101		12			6			18
DENTAL HYGIENE	17.0102			12				12	
***TOTALS			12	12	6				30

## ANALYSIS INFORMATION

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	Avg. HRWAGE
072.101-010 DENTIST		0	3	0	N.A.
078.361-010 DENTAL HYGIENIST		0	5	9	12.12
079.371-010 DENTAL ASSISTANT		2	121	53	6.00

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION -	OES CODE	1986 EMPLOY	1995 EMPLOY	GROWTH	EST. ANNUAL REPLAC	1986-1995 OPEN
BIOLOGICAL SCIENTISTS	24308	391	433	5	14	19
MEDICAL SCIENTISTS	24311	23	32	1	1	2
ALL OTHER LIFE SCIENTISTS	24399	174	187	1	2	3
MED./CLINICAL LAB. TECHNOLOGISTS	32902	556	647	10	6	16
MED./CLINICAL LAB. TECHNICIANS	32905	187	219	4	2	6
***TOTALS		1331	1518	21	25	46

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM -	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
MEDICAL TECHNOLOGY	17.0310			11			8		19
BIOLOGY, GENERAL	26.0101			86				3	89
BIOCHEMISTRY & BIOPHY	26.0201							1	1
MICROBIOLOGY	26.0501			31					31
***TOTALS				128			8	4	140

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T.	D.O.T.	APPREN	J.S.	J.S.	AVG.
CODE	TITLE		APPS	OPEN	HRWAGE
041.061-030	BIOLOGIST	0	31	12	N.A.
078.361-014	MEDICAL TECHNOLOGIST	0	19	8	10.88
078.381-010	MEDICAL-LABORATORY ASSISTANT	0	0	0	8.01
078.381-014	MEDICAL-LABORATORY TECHNICIAN	0	12	9	N.A.

CLUSTER TITLE: LICENSED PRACTICAL NURSING

CLUSTER CODE HE03

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
LICENSED PRACTICAL NURSES	32505	1711	2038	36	72	108
***TOTALS		1711	2038	36	72	108

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
PRACTICAL NURSING	17.0605		128		9			4	141
***TOTALS			128		9			4	141

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
079.374-014	NURSE, LICENSED PRACTICAL	0	193	132	6.80
354.374-010	NURSE, PRACTICAL	0	23	1	N.A.

**CLUSTER TITLE: SURGICAL TECHNOLOGY****CLUSTER CODE HE04****DEMAND REPORT****[STATEWIDE]****MONTANA DEPARTMENT OF LABOR AND INDUSTRY**

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
SURGICAL TECHNICIANS	32928	135	179	5	1	6
	***TOTALS	135	179	5	1	6

**SUPPLY REPORT****[STATEWIDE]****SCHOOL YEAR 1988-89**

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
SURGICAL TECHNOLOGY	17.0211			9					9
	***TOTALS			9					9

**ANALYSIS INFORMATION****[STATEWIDE]****MONTANA DEPARTMENT OF LABOR AND INDUSTRY**

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
079.374-022	SURGICAL TECHNICIAN	0	10	3	7.40

CLUSTER TITLE: NURSING ASSISTANCE

CLUSTER CODE HE05

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
MEDICAL ASSISTANTS	66005	196	271	8	6	14
NURSING AIDES & ORDERLIES	66008	3766	4532	85	119	204
HOME HEALTH AIDES	66011	490	532	5	39	44
***TOTALS		4452	5335	98	164	262

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
NURSING ASSISTING	17.0602		38		42	13		3	96
***TOTALS			38		42	13		3	96

## ANALYSIS INFORMATION

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
079.367-010 MEDICAL ASSISTANT		0	41	3	5.95
355.674-014 NURSE AIDE		0	1276	672	5.52
355.674-018 ORDERLY		0	35	15	N.A.

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
NUCLEAR MEDICINE TECHNOLOGISTS	32914	18	23	1	0	1
RADIOLOGIC TECHNOL. & TECHNICIAN	32916	403	527	14	16	30
***TOTALS		421	550	15	16	31

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
RADIOLOGIC (MEDICAL) TE	17.0209						16		16
***TOTALS							16		16

NO ANALYSIS REPORT

CLUSTER TITLE: REHABILITATION

CLUSTER CODE HE07

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
RESPIRATORY THERAPISTS	32302	193	253	7	7	14
OCCUPATIONAL THERAPISTS	32305	59	76	2	10	12
PHYSICAL THERAPISTS	32308	202	267	7	2	9
CORRECT. & MANUAL ARTS THERAPIST	32311	11	13	0	0	0
RECREATION THERAPISTS	32317	83	101	2	1	3
ALL OTHER THERAPISTS	32399	37	45	1	1	2
PHYSICAL, CORRECT.THERAPY ASSIST	66017	126	146	2	3	5
OCCUPATIONAL THERAPY ASSISTANTS	66021	27	30	0	1	1
***TOTALS		738	931	21	25	46

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
RESPIRATORY THERAPY T	17.0210		38						38
EXERCISE PHYSIOLOGY	17.0804			3					3
PHYSICAL THERAPY	17.0813			16					16
PHYSICAL THERAPY ASSIS	17.0815				1				1
RESPIRATORY THERAPY	17.0818				1			1	2
RESPIRATORY THERAPY A	17.0819				1				1
REHABILITATION SERVICE	17.0899			16					16
***TOTALS		38	35	3				1	77

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	Avg. HRWAGE
076.121-010	OCCUPATIONAL THERAPIST	0	3	1	N.A.
076.121-014	PHYSICAL THERAPIST	0	4	3	11.43
076.364-010	OCCUPATIONAL THERAPY ASSISTANT	0	1	0	N.A.
078.362-026	RADIOLOGIC TECHNOLOGIST	0	0	0	9.00
079.361-010	RESPIRATORY THERAPIST	0	19	12	8.80
355.354-010	PHYSICAL THERAPY AIDE	0	0	0	6.33
355.377-010	OCCUPATIONAL THERAPY AIDE	0	0	0	6.65

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
PSYCHOLOGISTS	27108	222	260	4	4	8
OPTOMETRISTS	32108	72	89	2	2	4
ALL OTHER HEALTH PRACTITIONERS	32199	14	15	0	2	1
SPEECH PATHOLOGISTS,AUDIOLOGISTS	32314	184	216	4	1	5
PHYSICIAN ASSISTANTS	32511	112	143	3	1	4
OPTICIANS, DISPENSING & MEASUR.	32514	215	239	3	14	17
PHARMACISTS	32517	429	538	12	19	31
DIETITIANS & NUTRITIONISTS	32521	172	204	4	9	13
DIETETIC TECHNICIANS	32523	29	35	1	2	3
ELECTROENCEPHALOGRAPH TECHN.	32923	14	19	1	0	1
ELECTROCARDIOGRAPH TECHNICIANS	32926	46	62	2	0	2
ALL OTHER HEALTH PROF., PARA,TECH	32999	653	750	11	6	17
PSYCHIATRIC AIDES	66014	283	338	6	9	15
PHARMACY ASSISTANTS	66026	73	94	2	2	4
ALL OTHER HEALTH SERVICE WORKERS	66099	221	264	5	20	25
***TOTALS		2739	3266	60	90	150

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
OPTICAL TECHNOLOGY	15.0606				1				1
ALCOHOL/DRUG ABUSE S	17.0401			2					2
MENTAL HEALTH/HUMAN S	17.0406			15	1				16
MENTAL HEALTH/HUMAN S	17.0499			46					46
OPTOMETRIC TECHNOLOG	17.0705				1				1
ALLIED HEALTH, OTHER	17.9999			2					2
PHARMACY	18.1401			30					30
MISC. SPECIALIZED AREAS	26.0699			13					13
HEALTH-RELATED ACTIVITI	34.0101			9					9
PSYCHOLOGY, GENERAL	42.0101			124					124
***TOTALS				241	3				244

**ANALYSIS INFORMATION**

**MONTANA DEPARTMENT OF LABOR AND INDUSTRY**

[STATEWIDE]	D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
	074.161-010	PHARMACIST	0	6	1	14.05
	074.387-010	PHARMACY HELPER	0	0	0	5.83
	076.107-010	SPEECH PATHOLOGIST	0	0	0	10.40
	077.117-010	DIETITIAN, CHIEF	0	3	2	N.A.
	077.121-010	DIETETIC TECHNICIAN	0	0	0	8.86
	078.362-018	ELECTROCARDIOGRAPH TECHNICIAN	0	0	0	6.83
	078.362-022	ELECTROENCEPHALOGRAPHIC TECHNOLOGIST	0	0	0	7.21
	079.364-014	OPTOMETRIC ASSISTANT	0	0	0	6.27
	355.377-014	PSYCHIATRIC AIDE	0	78	61	N.A.

**CLUSTER TITLE: REGISTERED NURSING****CLUSTER CODE HE09****D E M A N D   R E P O R T****[STATEWIDE]****MONTANA DEPARTMENT OF LABOR AND INDUSTRY**

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
REGISTERED NURSES	32502	4851	6734	209	178	387
	***TOTALS	4851	6734	209	178	387

**S U P P L Y   R E P O R T****[STATEWIDE]****SCHOOL YEAR 1988-89**

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
NURSING, GENERAL	18.1101			217	3			2	222
NURSING, OTHER	18.1199							1	1
	***TOTALS			217	3			3	223

**A N A L Y S I S   I N F O R M A T I O N****[STATEWIDE]****MONTANA DEPARTMENT OF LABOR AND INDUSTRY**

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
075.117-022	DIRECTOR, NURSING SERVICE	0	0	0	11.04
075.127-018	NURSE, HEAD	0	0	0	12.57
075.127-022	NURSE, SUPERVISOR	0	0	0	12.53
075.374-010	NURSE, GENERAL DUTY	0	146	119	10.92
075.374-014	NURSE, OFFICE	0	0	0	9.01

**CLUSTER TITLE: PHYSICIAN****CLUSTER CODE HE10****D E M A N D   R E P O R T**

[STATEWIDE]

- OCCUPATION - TITLE	OES CODE	MONTANA DEPARTMENT OF LABOR AND INDUSTRY			EST. ANNUAL 1986-1995		
		1986 EMPLOY	1995 EMPLOY	GROWTH	REPLAC	OPEN	
PHYSICIANS & SURGEONS	32102	614	766	17	36	53	
PODIATRISTS	32111	6	6	0	2	2	
	***TOTALS	620	772	17	38	55	

**NO SUPPLY REPORT****A N A L Y S I S   I N F O R M A T I O N**

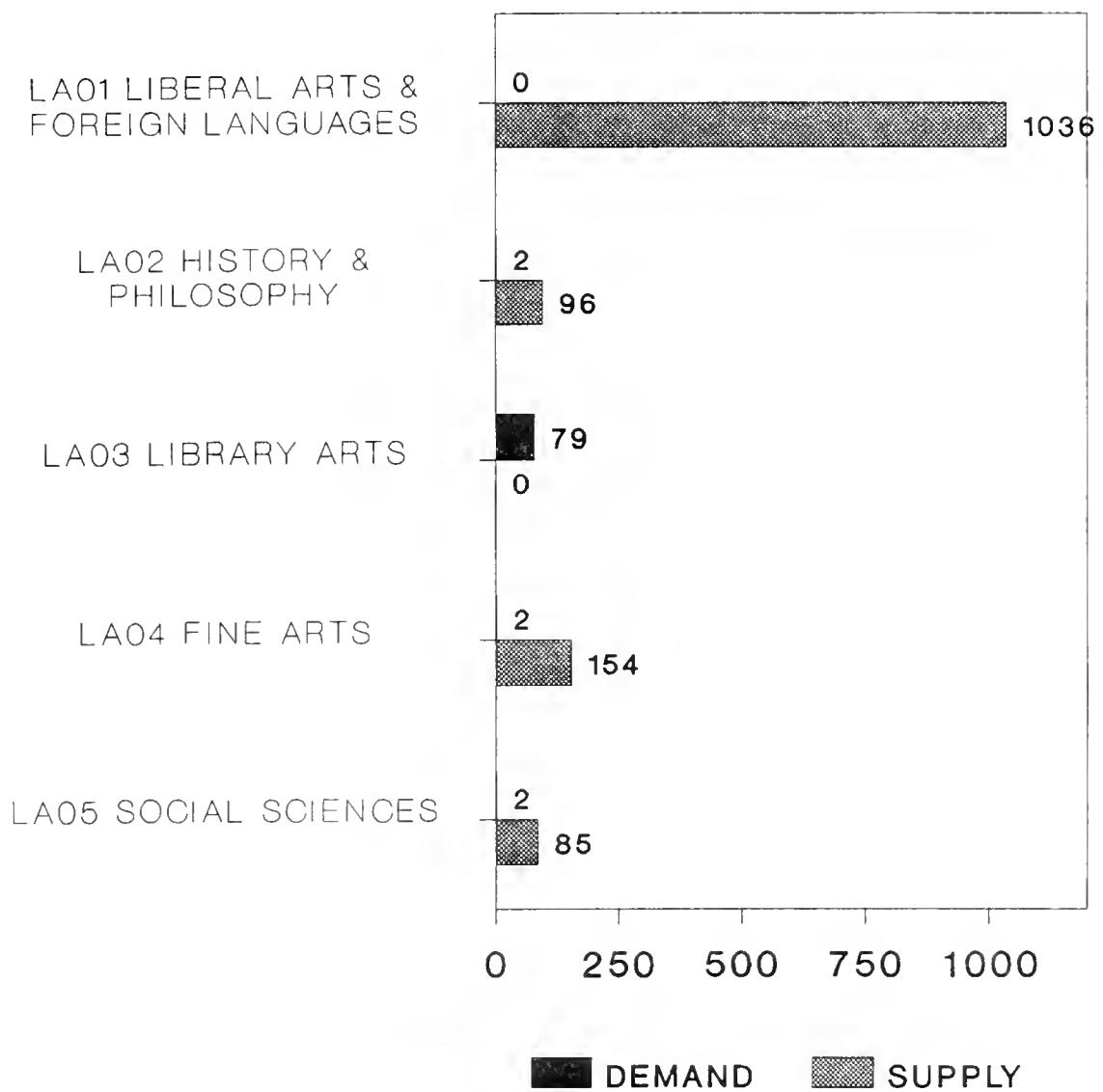
[STATEWIDE]

D.O.T. CODE	D.O.T. TITLE	MONTANA DEPARTMENT OF LABOR AND INDUSTRY			J.S. APPS	J.S. OPEN	AVG. HRWAGE
		APPREN					
045.107-022	PSYCHOLOGIST, CLINICAL	0			0	0	12.81
070.101-022	GENERAL PRACTITIONER	0			5	2	N.A.
071.101-010	OSTEOPATHIC PHYSICIAN	0			1	0	N.A.

# LIBERAL ARTS/LANGUAGES CLUSTERS

## DEMAND VS. SUPPLY

ESTIMATED ANNUAL OPENINGS VS. TRAINING COMPLETERS



CLUSTER TITLE: LIBERAL ARTS &amp; FOREIGN LANGUAGES

CLUSTER CODE LA01

NO DEMAND REPORT

## SUPPLY REPORT

[STATEWIDE]										SCHOOL YEAR 1988-89
- PROGRAM -	CIP	PUBLIC	VOC	HIGHER	JTPA	JOB	PRIV.	VOC	TOTAL	*****
TITLE	CODE	SECOND	TECH	EDUC		CORPS	SCHOOL	REHAB		
FOREIGN LANGUAGES, MU	16.0101			14					14	
RUSSIAN	16.0402			3					3	
GERMAN	16.0501			7					7	
FRENCH	16.0901			13					13	
SPANISH	16.0905			17					17	
COMPREHENSIVE CONSUM	20.0101	474							474	
VOCATIONAL HOME ECON	20.9999	57							57	
ENGLISH, GENERAL	23.0101			100					100	
CLASSICS	23.0201			1					1	
LITERATURE, ENGLISH	23.0801			14					14	
SPEECH, DEBATE, & FORE	23.1001			65					65	
LIBERAL ARTS & SCIENCE	24.0101			200					200	
GENERAL STUDIES	24.0102			13					13	
LIBERAL/GENERAL STUDIE	24.0199			9					9	
MULTI/INTERDISCIPLINARY	30.9999			49					49	
***TOTALS		531		505					1036	

NO ANALYSIS REPORT

**CLUSTER TITLE: HISTORY & PHILOSOPHY****CLUSTER CODE LA02****D E M A N D   R E P O R T****[STATEWIDE]****MONTANA DEPARTMENT OF LABOR AND INDUSTRY**

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
CURATORS,ARCHIVISTS, MUSEUM TECH	31511	16	23	1	1	2
	***TOTALS	16	23	1	1	2

**S U P P L Y   R E P O R T****[STATEWIDE]****SCHOOL YEAR 1988-89**

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
AMERICAN STUDIES	05.0102			2					2
CANADIAN STUDIES	05.0115							1	1
AMERICAN INDIAN STUDIE	05.0202			4					4
PHILOSOPHY	38.0101			8					8
ANTHROPOLOGY	45.0201			10					10
HISTORY	45.0801			71					71
	***TOTALS			95				1	96

**NO ANALYSIS REPORT**

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
LIBRARIANS, PROFESSIONAL	31502	607	700	10	36	46
TECHNICAL ASSISTANTS, LIBRARY	31505	254	292	4	15	19
AUDIO-VISUAL SPECIALISTS	31508	31	37	1	2	3
LIBRARY ASSISTANTS & BOOKMOBILE	53902	367	415	5	6	11
***TOTALS		1259	1444	20	59	79

NO SUPPLY REPORT

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
100.127-014	LIBRARIAN	0	19	7	N.A.
100.167-026	LIBRARIAN, SPECIAL LIBRARY	0	0	0	6.74

## DEMAND REPORT

[STATEWIDE]

- OCCUPATION - TITLE	OES	1986	1995	EST. ANNUAL 1986-1995		
	CODE	EMPLOY	EMPLOY	GROWTH	REPLAC	OPEN
MUSICIANS, INSTRUMENTAL	34051	54	62	1	1	2
PROD., DIRECT., ACTORS, ENTERTAINER	34056	6	5	0	0	0
***TOTALS		60	67	1	1	2

## SUPPLY REPORT

[STATEWIDE]

- PROGRAM - TITLE	CIP CODE	PUBLIC	VOC	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	SCHOOL YEAR 1988-89 *****
		SECOND	TECH						
CRAFTS, GENERAL	50.0201			9					9
DANCE	50.0301			1					1
DRAMATIC ARTS	50.0501			77					77
FINE ARTS, GENERAL	50.0701			35					35
DRAWING	50.0705			21					21
MUSIC, GENERAL	50.0901			10					10
MUSIC PERFORMANCE	50.0903							1	1
***TOTALS				153				1	154

NO ANALYSIS REPORT

**CLUSTER TITLE: SOCIAL SCIENCES****CLUSTER CODE LA05****DEMAND REPORT**

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY						
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN	
ALL OTHER SOCIAL SCIENTISTS	27199	111	116	1	1	2	
***TOTALS		111	116	1	1	2	

**SUPPLY REPORT**

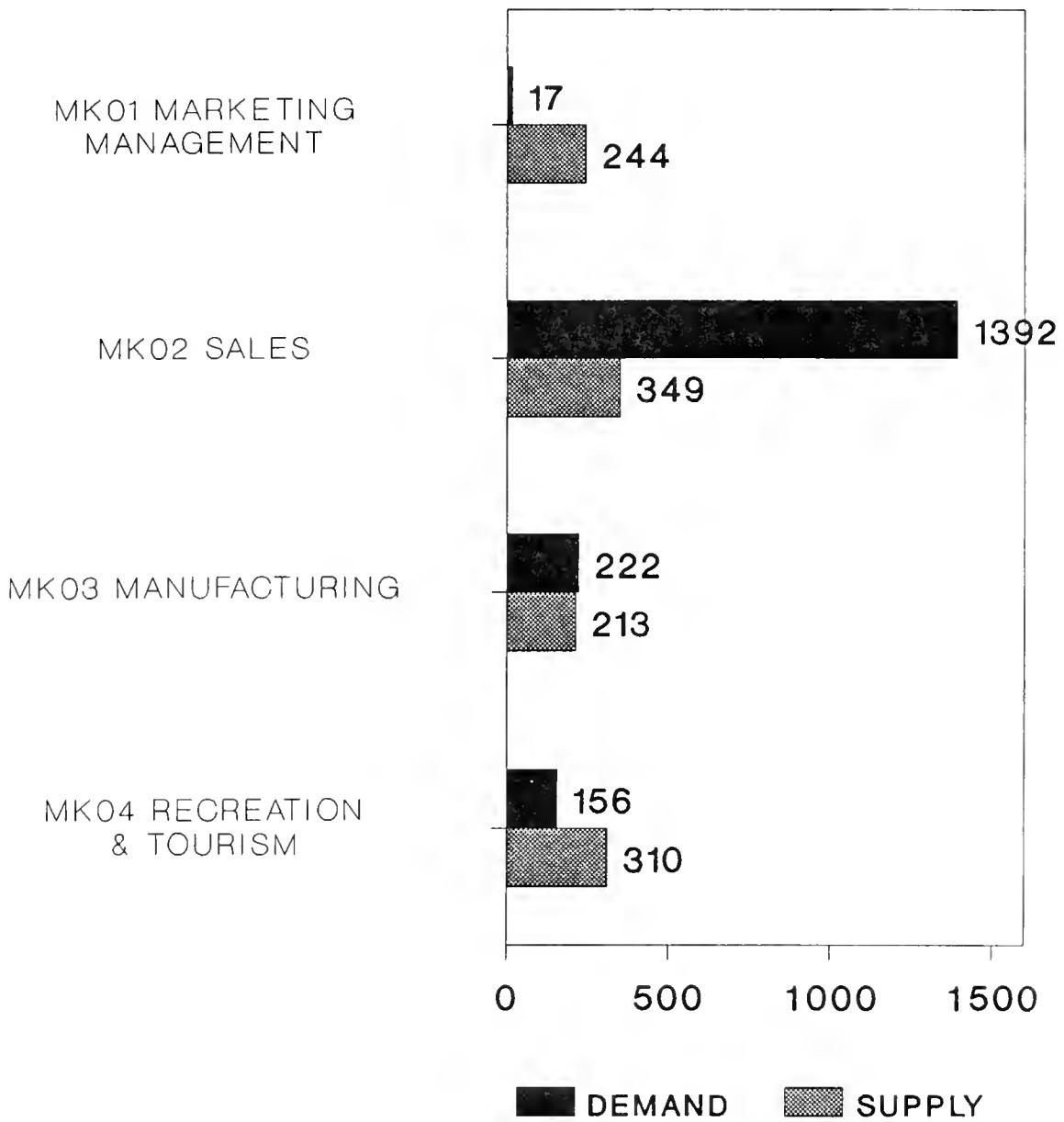
[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
SOCIAL SCIENCES, GENER	45.0101			4					4
ECONOMICS	45.0601			23					23
SOCIOLOGY	45.1101			57					57
SOCIAL SCIENCES, OTHER	45.9999			1					1
***TOTALS				85					85

**NO ANALYSIS REPORT**

# MARKETING CLUSTERS

## DEMAND VS. SUPPLY

ESTIMATED ANNUAL OPENINGS VS. TRAINING COMPLETERS



## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY						
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	GROWTH	EST. ANNUAL REPLAC	1986-1995 OPEN	
PURCHASING MANAGERS	13008	714	807	10	4	14	
ECONOMISTS, MARKET ANALYSTS	27102	83	92	1	2	3	
***TOTALS		797	899	11	6	17	

## SUPPLY REPORT

[STATEWIDE] SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
SMALL BUSINESS MANAGE	06.1801			13					13
MARKETING, GENERAL	08.0708		2						2
GENERAL MARKETING, OT	08.0799	212	17						229
***TOTALS		212	19	13					244

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
012.167-050	PRODUCTION PLANNER	0	0	0	11.32
050.067-014	MARKET-RESEARCH ANALYST 1	0	0	0	15.22
183.117-014	PRODUCTION SUPERINTENDENT	0	0	0	15.49
185.167-038	MANAGER, PARTS	0	0	0	9.42

## DEMAND REPORT

[STATEWIDE]		MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
- OCCUPATION -	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
WHOLESALE, RETAIL BUYERS,EX.FARM	21302	642	692	6	21	27
FIRST LINE SUPERVISORS, SALES	41002	2037	2328	32	83	115
INSURANCE SALES WORKERS	43002	710	910	22	26	48
SALES AGENTS, BUSINESS SERVICES	43017	205	230	3	8	11
ALL OTHER SERVICE SALES OCC.	43099	107	140	4	5	9
SALES ENGINEERS	49002	12	14	0	1	1
SALES REPS,SCIENTIF.PROD.EXC.RET	49005	398	435	4	14	18
SALES REPS.EXC.SCIENTIF & RETAIL	49008	1901	2078	20	68	88
SALESPERSONS, RETAIL	49011	11085	12064	109	495	604
SALESPERSONS, PARTS	49014	1305	1360	6	28	34
COUNTER & RENTAL CLERKS	49017	306	375	8	11	19
CASHIERS	49023	6397	7807	157	167	324
VENDORS,SOLICITORS,DOOR-TO-DOOR	49026	184	224	4	7	11
DEMONSTRATORS, PROMOTERS, MODELS	49032	31	40	1	1	2
ALL OTHER SALES & RELATED OCC.	49999	450	503	6	45	51
ORDER FILLERS, SALES	58026	388	367	-2	10	8
DRIVER/SALES WORKERS	97117	838	888	6	16	22
***TOTALS		26996	30455	386	1006	1392

**S U P P L Y R E P O R T**

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
FASHION MERCHANDISING	08.0102		6						6
FASHION MODELING	08.0103						60		60
BUSINESS & PERSONAL S	08.0201						12		12
MARKETING OF BUSINESS	08.0203				1				1
SUPERMARKET MARKETIN	08.0604				1			2	3
AUCTIONEERING	08.0701						82		82
RETAILING	08.0705		3		18	5		6	32
SALES	08.0706		3		24			7	34
WHOLESALING	08.0707				4				4
BUILDING MATERIALS MA	08.0803				1			1	1
HARDWARE MARKETING	08.0806				1				1
OFFICE PRODUCTS & EQU	08.0807				2				2
RECREATIONAL PRODUCTS	08.0904				6			2	8
WAITER/WAITRESS & RELA	08.0905							2	4
INSURANCE MARKETING	08.1001				1		74		75
AUTOMOTIVE VEHICLES &	08.1203				4			3	7
PETROLEUM WHOLESALIN	08.1204				1				1
SERVICE STATION RETAILI	08.1206				7	5		1	13
HOME DECORATING	20.0505				2			2	4
HOME FURNISHINGS AIDE	20.0506				1			1	2
<b>***TOTALS</b>		12			74	10	228	27	353

**ANALYSIS INFORMATION**

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
162.157-018	BUYER	0	0	0	9.51
162.157-038	PURCHASING AGENT	0	84	15	9.89
162.167-010	BUYER, GRAIN	0	0	0	7.29
163.167-018	MANAGER, SALES	0	93	4	13.46
185.167-034	MANAGER, MERCHANDISE	0	0	0	9.82
185.167-046	MANAGER, RETAIL STORE	0	958	59	9.43
185.167-058	SERVICE MANAGER	0	0	0	10.30
187.167-126	MANAGER, LIQUOR ESTABLISHMENT	0	0	0	6.51
189.167-018	MANAGEMENT TRAINEE	0	0	0	5.26
211.362-010	CASHIER 1	0	333	119	4.28
211.462-014	CASHIER-CHECKER	0	0	0	4.75
249.367-054	ORDER CLERK	0	0	0	6.60
250.257-010	SALES AGENT, INSURANCE	0	109	12	7.45
250.357-018	SALES AGENT, REAL ESTATE	0	59	4	N.A.
251.357-014	SALES AGENT, FINANCIAL-REPORT SERVICE	0	1	0	N.A.
254.357-014	SALES REPRESENTATIVE, ADVERTISING	0	45	43	N.A.
261.357-050	SALESPERSON, MEN'S AND BOYS' CLOTHING	0	28	21	N.A.
261.357-054	SALESPERSON, MEN'S FURNISHINGS	0	6	1	N.A.
261.357-062	SALESPERSON, SHOES	0	39	42	N.A.
261.357-066	SALESPERSON, WOMEN'S APPAREL AND ACCES	0	110	91	N.A.
273.353-010	SALESPERSON, AUTOMOBILES	0	112	34	N.A.
273.357-022	SALES REPRESENTATIVE, MOTOR VEHICLES A	0	15	5	N.A.
274.357-022	SALES REPRESENTATIVE, CONSTRUCTION MAC	0	3	1	N.A.
275.257-010	SALES REPRESENTATIVE, COMPUTERS AND ED	0	0	0	8.59
275.357-034	SALES REPRESENTATIVE, OFFICE MACHINES	0	11	23	N.A.
277.357-034	SALESPERSON, BOOKS	0	20	6	N.A.
279.357-014	SALES REPRESENTATIVE, GENERAL MERCHANT	0	0	0	8.63
279.357-050	SALESPERSON, GENERAL HARDWARE	0	72	65	6.00
279.357-054	SALESPERSON, GENERAL MERCHANDISE	0	223	158	5.14
279.357-062	SALESPERSON, PARTS	0	115	70	7.10
290.477-014	SALES CLERK	0	1856	863	4.67
290.477-018	SALES CLERK, FOOD	0	162	188	4.32
292.353-010	DRIVER, SALES ROUTE	0	277	226	7.09
292.483-010	COIN COLLECTOR	0	10	3	N.A.
299.137-010	MANAGER, DEPARTMENT	0	63	9	3.81
299.367-014	STOCK CLERK, SELF-SERVICE STORE	0	0	0	5.74
299.477-010	DELIVERER, MERCHANDISE	0	0	0	4.66
915.467-010	AUTOMOBILE-SERVICE-STATION ATTENDANT	0	269	118	4.86
920.687-014	BAGGER	0	273	349	3.63

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
FIRST LINE SUPERV.: PRODUCTION	81008	658	653	-1	18	17
OTHER INSPECTORS,TESTER,GRADER	83004	373	412	4	14	18
MECHANICAL CONTROL INSTAL.& REPR	85928	66	73	1	0	1
ALL OTHER MECHANICS, INSTALLERS	85999	665	751	10	32	42
DETAIL DESIGN DECORATORS & PAINT	89911	18	20	0	0	0
MEDICAL APPLIANCE MAKERS	89923	6	6	0	0	0
PAPER GOODS MACHINE SETTER/OPER.	92914	46	63	2	2	4
COOKING MACHINE OPER., FOOD/TOB.	92917	5	5	0	0	0
ROASTING,DRYING OPER., FOOD/TOB.	92921	10	9	0	0	0
FURNACE, KILN, OVEN,KETTLE OPER.	92923	135	108	-3	2	-1
DAIRY PROCESSING EQUIP. OPERATOR	92932	75	77	0	1	1
CUTTING & SLICING MACHINE OPER.	92944	44	50	1	1	2
COATING, PAINTING SETTER/OPER.	92951	11	8	0	0	0
COATING, PAINTING MACH. OPER.	92953	47	51	0	1	1
CEMENTING & GLUING MACHINE OPER.	92956	122	131	1	4	5
CLEANING, PICKLING EQUIP. OPER.	92958	20	20	0	0	0
SEPARATING, FILTERING MACH. OP.	92962	30	32	0	1	1
CRUSHING & MIXING MACHINE OPER.	92965	457	513	6	18	24
EXTRUDING, FORMING SETTER/OPER.	92968	35	34	0	1	1
EXTRUDING & FORMING OPERATOR	92971	29	34	1	1	2
PACKAGING & FILLING MACHINE OPER	92974	300	306	1	11	12
ALL OTHER MACHINE SETTERS/OPER.	92997	51	57	1	1	2
ALL OTHER MACHINE OPERATORS	92998	390	414	3	6	9
MOLDERS & CASTERS, HAND	93944	3	3	0	0	0
PAINTING & COATING, HAND	93947	11	12	0	0	0
GRINDING & POLISHING, HAND	93953	108	107	0	4	4
ALL OTHER ASSEMBLERS, FABRICATOR	93956	487	519	4	26	30
ALL OTHER HAND WORKERS	93999	167	151	-2	1	-1
MACHINE FEEDERS & OFFBEARERS	98502	1203	1280	9	23	32
HAND PACKERS & PACKAGERS	98902	507	581	8	8	16
***TOTALS		6079	6480	46	176	222

**S U P P L Y R E P O R T**

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
FOOD PROCESSING TECH	15.0602				2				2
CUSTOM DRAPERY & WIND	20.0502				1				1
MANUFACTURING/MATERIA	21.0107	174			9		4		187
MUSICAL INSTRUMENT RE	47.0404				1				1
SPORTING-GOODS EQUIPM	47.0407				1			1	2
PRECISION WORK, ASSORT	48.0699				5	6	1		12
FURNITURE MAKING	48.0702				1		1		2
MILLWORK & CABINET MAK	48.0703				5		1		6
<b>***TOTALS</b>		<b>174</b>			<b>25</b>		<b>6</b>	<b>8</b>	<b>213</b>

**ANALYSIS INFORMATION**

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
012.167-042	MANUFACTURING ENGINEER	0	5	0	N.A.
012.261-014	QUALITY-CONTROL TECHNICIAN	0	0	0	11.51
222.367-050	PRESCRIPTION CLERK, LENS-AND-FRAMES	0	1	1	N.A.
534.662-010	BACK TENDER, PAPER MACHINE	0	4	0	N.A.
556.685-022	COMPRESSION-MOLDING-MACHINE TENDER	0	1	0	N.A.
559.567-010	LABORER, GENERAL	0	2	0	N.A.
589.686-026	LABORER, GENERAL	0	1	0	N.A.
638.261-010	AUTOMATED EQUIPMENT ENGINEER-TECHNICAL	0	2	0	N.A.
641.685-022	CARTON-FORMING-MACHINE OPERATOR	0	1	0	N.A.
649.685-046	FOLDING-MACHINE OPERATOR	0	1	0	N.A.
660.280-010	CABINETMAKER	0	89	40	7.28
683.682-038	WEAVER	0	1	0	N.A.
699.682-022	DIE CUTTER	0	1	2	N.A.
706.687-010	ASSEMBLER, PRODUCTION	0	0	0	8.08
709.684-014	ASSEMBLER, METAL FURNITURE	0	0	1	N.A.
710.681-010	ASSEMBLER	0	2	0	N.A.
712.687-010	ASSEMBLER, HOSPITAL SUPPLIES	0	1	0	N.A.
731.687-034	TOY ASSEMBLER	0	0	1	N.A.
732.684-066	FISHING-ROD ASSEMBLER	0	1	0	N.A.
737.587-014	FIREWORKS ASSEMBLER	0	2	12	N.A.
739.687-030	ASSEMBLER, SMALL PRODUCTS	0	49	42	N.A.
741.684-026	PAINTER, SPRAY 1	0	14	3	8.45
741.687-018	PAINTER, SPRAY 2	0	3	2	N.A.
750.685-014	TIRE RECAPPER	0	0	0	7.19
754.684-030	FINISHER, HAND	0	1	0	N.A.
754.687-010	LABORER, GENERAL	0	2	0	N.A.
763.684-014	CABINET ASSEMBLER	0	5	0	N.A.
772.281-010	GLASS BLOWER, LABORATORY APPARATUS	0	1	0	N.A.
789.687-070	GARMENT INSPECTOR	0	1	0	N.A.
806.381-058	TRAILER ASSEMBLER	0	1	0	N.A.
806.684-010	ASSEMBLER, AUTOMOBILE	0	3	0	N.A.
809.684-010	ASSEMBLER, PRODUCTION LINE	0	1	0	N.A.
819.684-010	WELDER, PRODUCTION LINE	0	4	0	N.A.
827.684-010	APPLIANCE ASSEMBLER, LINE	0	3	0	N.A.
920.587-018	PACKAGER, HAND	0	119	156	7.26
920.685-078	PACKAGER, MACHINE	0	16	20	N.A.
920.687-126	MARKER 2	0	1	0	N.A.

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	REPLAC	OPEN
RECREATION WORKERS	27311	264	286	2	3	5
ATHLETE, COACH, UMPIRE & RELATED	34058	104	123	2	1	3
TRAVEL AGENTS	43021	283	374	10	13	23
RESERVATION & TRANS.TICKET AGENT	53805	341	460	13	9	22
HOTEL DESK CLERKS	53808	786	829	5	60	65
AMUSEMENT & RECREATION ATTENDANT	68014	508	672	18	8	26
GUIDES	68017	31	37	1	2	3
USHERS, LOBBY ATT., TICKET TAKER	68021	93	89	0	5	5
BAGGAGE PORTERS & BELLHOPS	68023	93	91	0	4	4
***TOTALS		2503	2961	51	105	156

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
MARKETING OF HOTEL/MO	08.0902				3			1	4
MARKETING OF RECREATI	08.0903				7			5	12
TOURISM	08.1104				3				3
TRAVEL SERVICES MARKET	08.1105				4		12		16
CARD DEALING	12.0203				5			1	6
OUTDOOR RECREATION	31.0201				1		242		243
PARKS & RECREATION MA	31.0301			26					26
***TOTALS				26	23		254	7	310

**ANALYSIS INFORMATION**

[STATEWIDE]

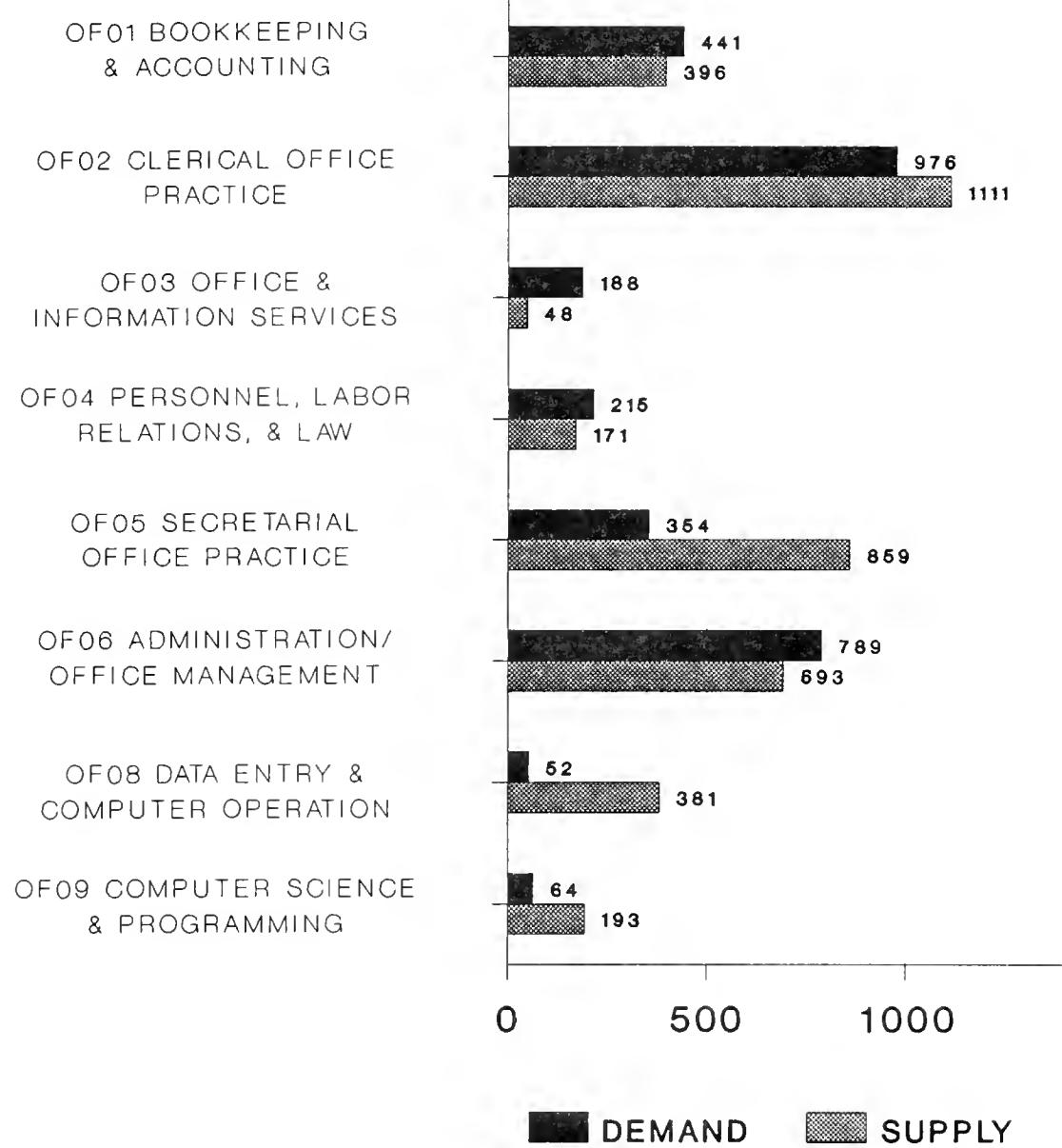
MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
159.124-010	COUNSELOR, CAMP	0	28	30	N.A.
159.147-010	ANNOUNCER	0	0	0	5.64
187.117-038	MANAGER, HOTEL OR MOTEL	0	0	0	4.29
187.137-010	RECREATION SUPERVISOR	0	0	0	5.85
187.167-114	MANAGER, GOLF CLUB	0	0	0	6.62
187.167-154	MANAGER, THEATER	0	10	2	N.A.
238.362-010	HOTEL CLERK	0	322	238	4.27
238.367-026	TICKET AGENT	0	25	18	N.A.
252.157-010	TRAVEL AGENT	0	0	0	5.55
324.677-010	BELLHOP	0	0	0	3.29
329.467-010	ATTENDANT, LODGING FACILITIES	0	0	0	3.50
340.367-010	DESK CLERK, BOWLING FLOOR	0	0	0	4.58
341.367-010	RECREATION-FACILITY ATTENDANT	0	0	0	3.86
344.667-010	TICKET TAKER	0	0	0	3.78
732.364-014	SKI-BINDING FITTER-AND-REPAIRER	0	0	0	4.55
732.684-122	SPORTS-EQUIPMENT REPAIRER	0	0	0	5.25

# OFFICE CLUSTERS

## DEMAND VS. SUPPLY

### ESTIMATED ANNUAL OPENINGS VS. TRAINING COMPLETERS



CLUSTER TITLE: BOOKKEEPING &amp; ACCOUNTING

CLUSTER CODE OF01

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
ACCOUNTANTS & AUDITORS	21114	1998	2505	56	73	129
BOOKKEEPING & ACCOUNTING CLERKS	55338	7029	7522	55	257	312
***TOTALS		9027	10027	111	330	441

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
ACCOUNTING	06.0201			174	1				175
TAXATION	06.1901						123		123
ACCOUNTING, BOOKKEEPING	07.0101		66	4					70
ACCOUNTING & COMPUTIN	07.0102				4			4	8
BOOKKEEPING	07.0103				14	2		3	19
ACCOUNTING, BOOKKEEPING	07.0199			1					1
***TOTALS		66	179	19	2	123	7	396	

## ANALYSIS INFORMATION

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
160.162-014 AUDITOR		0	19	11	11.76
160.167-010 ACCOUNTANT		0	208	49	11.18
160.167-018 ACCOUNTANT, COST		0	0	0	11.03
160.167-034 AUDITOR, INTERNAL		0	0	0	10.88
210.382-010 AUDIT CLERK		0	21	16	N.A.
210.382-014 BOOKKEEPER 1		0	774	249	6.62
210.382-018 BOOKKEEPER 2		0	486	172	N.A.
210.382-022 BOOKKEEPING-MACHINE OPERATOR 1		0	3	1	4.45
216.482-010 ACCOUNTING CLERK		0	207	99	6.38

## DEMAND REPORT

[STATEWIDE]		MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	REPLAC	OPEN
MEDICAL RECORDS TECHNIC. & TECHNOL.	32911	214	295	9	4	13
STOCK CLERKS, SALES FLOOR	49021	2734	2982	28	110	138
FIRST LINE SUPERVISORS, CLERICAL	51002	2300	2559	29	59	88
TELLERS	53102	1540	1625	9	14	23
NEW ACCOUNTS CLERKS	53105	295	332	4	10	14
TRANSIT CLERKS	53108	80	86	1	1	2
LOAN & CREDIT CLERKS	53121	506	588	9	23	32
ADJUSTMENT CLERKS	53123	274	302	3	5	8
STATEMENT CLERKS	53126	166	184	2	6	8
BROKERAGE CLERKS	53128	29	32	0	1	1
INSURANCE EXAMINING CLERKS	53308	9	10	0	0	0
INSURANCE CLAIMS CLERKS	53311	150	174	3	3	6
INSURANCE POLICY PROCESS. CLERKS	53314	357	448	10	17	27
INVESTIGATORS, CLERICAL	53505	12	16	0	0	0
COURT CLERKS	53702	252	292	4	11	15
MUNICIPAL CLERKS	53705	153	168	2	7	9
LICENSE CLERKS	53708	80	88	1	3	4
REAL ESTATE CLERKS	53914	120	141	2	5	7
STENOGRAPHERS	55302	287	189	-11	4	-7
TYPISTS	55307	1254	1226	-3	43	40
PERSONNEL CLERKS, EXCEPT PAYROLL	55314	264	286	2	9	11
CORRESPONDENCE CLERKS	55317	95	111	2	4	6
FILE CLERKS	55321	402	415	1	11	12
ORDER CLERKS: MATERIALS, SERVICE	55323	308	342	4	5	9
PROCUREMENT CLERKS	55326	67	75	1	2	3
STATISTICAL CLERKS	55328	116	102	-2	2	0
INTERVIEWING CLERKS,EX.PERSONNEL	55332	585	752	19	22	41
PAYROLL & TIMEKEEPING CLERKS	55341	493	476	-2	7	5
BILLING, COST & RATE CLERKS	55344	1016	1141	14	30	44
GENERAL OFFICE CLERKS	55347	6336	6671	37	224	261
BILL., POST, CALCULATING MACH.OP	56002	362	405	5	5	10
DUPLICATING MACHINE OPERATORS	56005	64	64	0	1	1
ALL OTHER OFFICE MACH. OPERATORS	56099	94	100	1	1	2
WEIGHERS, MEASURERS, CHECKERS	58017	35	36	0	2	2
MARKING CLERKS	58021	118	126	1	3	4
STOCK CLERKS: STOCKROOM OR WAREH.	58023	1643	1613	-3	42	39
TRAFFIC, SHIPPING, & REC. CLERKS	58028	1404	1497	10	17	27
ALL OTHER CLERICAL & ADM.SUPPORT	59999	1261	1407	16	55	71
	***TOTALS	25475	27356	208	768	976

**S U P P L Y R E P O R T**

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
MACHINE BILLING, BOOK	07.0104				2				1 3
TELLER	07.0205				1				1
STENOGRAPHIC	07.0607		2	1					1 4
TYPING, GENERAL OFFIC	07.0701	944			3				1 948
CLERK-TYPIST	07.0702		7	1	5	39			52
GENERAL OFFICE CLERK	07.0705		11	3	43	8		9	74
SHIPPING, RECEIVING,	07.0708				6	2		3	11
TRAFFIC RATE & TRANSP	07.0709				2				2
TYPING, GENERAL OFFIC	07.0799		4			3			7
BUSINESS (ADMINISTRAT	07.9999							1	1
MEDICAL RECORDS TECHN	17.0506				6			1	7
HEALTH UNIT COORDINAT	17.0513				1				1
<b>***TOTALS</b>	<b>944</b>	<b>24</b>	<b>5</b>	<b>69</b>	<b>52</b>			<b>17</b>	<b>1111</b>

**ANALYSIS INFORMATION**

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
202.362-014	STENOGRAPHER	0	12	4	6.71
203.362-010	CLERK-TYPIST	0	272	154	5.87
203.582-058	TRANSCRIBING-MACHINE OPERATOR	0	0	0	6.11
203.582-066	TYPIST	0	40	35	N.A.
205.362-014	EMPLOYMENT CLERK	0	11	17	N.A.
205.362-026	NEW-ACCOUNTS CLERK	0	0	0	6.87
205.367-018	CLAIMS CLERK 2	0	0	0	7.53
206.362-010	FILE CLERK 1	0	75	48	4.91
206.367-014	FILE CLERK 2	0	10	2	N.A.
209.367-046	TITLE SEARCHER	0	0	0	5.05
209.387-010	CODING CLERK	0	1	3	5.03
209.562-010	CLERK, GENERAL	0	1515	772	5.93
209.687-010	CHECKER 2	0	30	25	N.A.
209.687-022	SORTER	0	2	3	N.A.
214.362-022	INSURANCE CLERK	0	25	16	6.71
214.382-014	BILLING TYPIST	0	15	1	7.10
214.482-010	BILLING-MACHINE OPERATOR	0	0	0	5.71
215.482-010	PAYROLL CLERK	0	48	29	7.44
216.362-014	COLLECTION CLERK	0	0	0	6.69
216.382-034	COST CLERK	0	4	1	N.A.
216.382-062	STATISTICAL CLERK	0	0	0	9.91
216.482-022	CALCULATING-MACHINE OPERATOR	0	2	0	N.A.
217.382-010	PROOF-MACHINE OPERATOR	0	23	30	5.36
219.362-010	ADMINISTRATIVE CLERK	0	1098	643	5.23
219.367-038	UNDERWRITING CLERK	0	0	0	6.02
221.382-018	PRODUCTION CLERK	0	0	0	7.34
222.387-026	INVENTORY CLERK	0	0	0	6.68
222.387-050	SHIPPING AND RECEIVING CLERK	0	0	0	6.19
239.567-010	OFFICE HELPER	0	0	0	5.96
241.267-030	INVESTIGATOR	0	0	0	4.97
245.362-010	MEDICAL-RECORD CLERK	0	0	0	5.93
245.362-014	WARD CLERK	0	28	16	N.A.
247.367-010	CLASSIFIED-AD CLERK 1	0	5	1	N.A.
249.382-010	MORTGAGE CLERK	0	0	0	6.66

## DEMAND REPORT

[STATEWIDE]

- OCCUPATION - TITLE	OES CODE	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
		1986 EMPLOY	1995 EMPLOY	GROWTH	EST. ANNUAL 1986-1995	REPLAC	OPEN
RADIO OPERATORS	39008	11	12	0	0	0	0
TRAVEL CLERKS	53802	40	41	0	1	1	
RECEPTIONISTS, INFORMATION CLERKS	55305	2059	2289	26	49	75	
MAIL MACHINE OPERATORS	56008	68	74	1	3	4	
SWITCHBOARD OPERATORS	57102	590	704	13	12	25	
DIRECTORY ASSISTANCE OPERATORS	57105	25	23	0	0	0	
CENTRAL OFFICE OPERATORS	57108	218	191	-3	4	1	
TELEGRAPH & TELETYPE OPERATORS	57111	5	5	0	0	0	
ALL OTHER COMMUNICATION OPERATOR	57199	7	8	0	0	0	
MAIL CLERKS, EXC. MAIL MACHINE	57302	171	169	0	3	3	
POSTAL MAIL CARRIERS	57305	626	675	5	47	52	
POSTAL SERVICE CLERKS	57308	309	301	-1	12	11	
MESSENGERS	57311	67	68	0	1	1	
DISPATCHERS: EXC. POL., FIRE, AMB.	58005	390	418	3	6	9	
PRODUCTION, EXPEDITING CLERKS	58008	170	177	1	5	6	
<b>***TOTALS</b>		<b>4756</b>	<b>5155</b>	<b>45</b>	<b>143</b>	<b>188</b>	

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC	VOC	HIGHER EDUC	JOB JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
		SECOND	TECH						
RECEPTIONIST & COMMUN	07.0707		4		38			6	48
<b>***TOTALS</b>			<b>4</b>		<b>38</b>			<b>6</b>	<b>48</b>

**ANALYSIS INFORMATION**

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
205.362-018	HOSPITAL-ADMITTING CLERK	0	20	22	N.A.
205.367-054	SURVEY WORKER	0	37	102	5.28
209.587-026	MAIL CLERK	0	68	75	5.45
209.687-014	MAIL HANDLER	0	16	14	N.A.
235.462-010	CENTRAL-OFFICE OPERATOR	0	27	5	N.A.
235.662-022	TELEPHONE OPERATOR	0	118	143	8.12
235.662-026	TELEPHONE-ANSWERING-SERVICE OPERATOR	0	3	9	N.A.
237.367-010	APPOINTMENT CLERK	0	4	2	N.A.
237.367-022	INFORMATION CLERK	0	6	0	N.A.
237.367-038	RECEPTIONIST	0	956	538	5.28
239.367-010	CUSTOMER-SERVICE REPRESENTATIVE	0	0	0	6.08
241.357-010	COLLECTION CLERK	0	41	18	N.A.
249.167-014	DISPATCHER, MOTOR VEHICLE	0	39	8	7.80
299.357-014	TELEPHONE SOLICITOR	0	163	249	5.71
299.367-010	CUSTOMER-SERVICE CLERK	0	0	0	7.07

CLUSTER TITLE: PERSONNEL, LABOR RELATIONS, &amp; LAW

CLUSTER CODE OF04

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
PERSONNEL, TRAINING, LABOR REL. MGR	13005	205	227	2	5	7
CLAIMS TAKERS, UNEMPLOY. BENEFITS	21502	102	96	-1	2	1
EMPLOYMENT INTERVIEWERS	21508	200	212	1	4	5
PERSONNEL, TRAIN., LABOR REL. SPEC	21511	547	523	-3	11	8
COMPLIANCE & ENFORCE. INSPECTORS	21911	525	560	4	25	29
JUDGES & MAGISTRATES	28102	215	233	2	37	39
ADJUDICATORS & HEARING OFFICERS	28105	24	25	0	4	4
LAWYERS	28108	988	1313	36	40	76
LAW CLERKS	28302	89	95	1	4	5
PARALEGAL PERSONNEL	28305	161	263	11	10	21
TITLE EXAMINERS & ABSTRACTORS	28311	140	159	2	7	9
ALL OTHER LEGAL ASSISTANTS	28399	183	197	2	9	11
***TOTALS		3379	3903	57	158	215

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
HUMAN RESOURCES DEVE	06.0601			22					22
PERSONNEL ASSISTING	07.0503				4			3	7
LAW	22.0101					2		4	6
PRE-LAW	22.0102			6					6
LEGAL ASSISTING	22.0103			36	2			4	42
INTERNATIONAL RELATION	45.0901			1					1
POLITICAL SCIENCE & GOV	45.1001			87					87
***TOTALS				152	8			11	171

## ANALYSIS INFORMATION

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
110.107-010	LAWYER	0	52	19	12.20
119.267-026	PARALEGAL ASSISTANT	0	0	0	8.69
119.287-010	TITLE EXAMINER	0	0	0	6.99
166.267-018	JOB ANALYST	0	5	2	N.A.

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
LEGAL SECRETARIES	55102	669	927	29	20	49
MEDICAL SECRETARIES	55105	466	590	14	13	27
GENERAL SECRETARIES	55199	6567	7470	100	178	278
***TOTALS		7702	8987	143	211	354

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
SECRETARIAL & RELATED	07.0601	618		43			9		670
EXECUTIVE SECRETARIAL	07.0603		3		11			3	17
LEGAL SECRETARIAL	07.0604		51	3	7		5		66
MEDICAL SECRETARIAL	07.0605		27	3			4		34
SECRETARIAL	07.0606		3	1	30	2	15	8	59
SECRETARIAL & RELATED	07.0699		9			1			10
MEDICAL ASSISTING	17.0503				2			1	3
***TOTALS		618	93	50	50	3	33	12	859

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
169.167-010 ADMINISTRATIVE ASSISTANT		0	337	121	11.56
169.167-014 ADMINISTRATIVE SECRETARY		0	0	0	9.45
201.362-010 LEGAL SECRETARY		0	210	147	7.00
201.362-014 MEDICAL SECRETARY		0	82	30	6.78
201.362-030 SECRETARY		0	1144	450	6.50

## DEMAND REPORT

[STATEWIDE]		MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
ADMINISTRATIVE SERVICES MANAGER	13014	390	432	5	15	20
POSTMASTERS, MAIL SUPERINTENDENT	15002	365	397	4	26	30
EDUCATION ADMINISTRATORS	15005	994	1174	20	37	57
MEDICINE & HEALTH SERV. MGRS	15008	422	513	10	17	27
INDUSTRIAL PRODUCTION MANAGERS	15014	207	217	1	8	9
CONSTRUCTION MANAGERS	15017	503	613	12	21	33
MINING & RELATED MANAGERS	15021	134	144	1	5	6
COMMUNICATION,TRANSP.,UTIL.MGRS	15023	649	718	8	25	33
FOOD SERVICE & LODGING MANAGERS	15026	1211	1365	17	48	65
PUBLIC ADMIN., LEG., GEN. ADMIN.	19002	779	858	9	48	57
GENERAL MANAGERS & TOP EXEC.	19005	5745	6410	74	226	300
ALL OTHER MANAGERS & ADMINIST.	19999	960	1099	15	38	53
BUDGET ANALYSTS	21117	88	94	1	2	3
COST ESTIMATORS	21902	284	335	6	1	7
MANAGEMENT ANALYSTS	21905	95	107	1	3	4
ALL OTHER MANAGEMENT SUPPORT OCC	21999	695	816	13	4	17
ALL OTHER PROF.,PARAPROF.,TECHN.	39999	1615	1769	17	31	48
ALL OTHER FIRST LINE SUPERVISORS	81099	377	429	6	14	20
***TOTALS		15513	17490	220	569	789

### S U P P L Y R E P O R T

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
BUSINESS & MANAGEMEN	06.0101			215					215
BUSINESS ADMINISTRATIO	06.0401			327					327
CONTRACT MANAGEMENT	06.0402			20					20
BUSINESS ADMINISTRATIO	06.0499			1					1
BUSINESS ECONOMICS	06.0501			5					5
HOTEL/MOTEL MANAGEME	06.0701			3					3
RECREATIONAL ENTERPRI	06.0702				1				1
RESTAURANT MANAGEME	06.0704				1				1
TRANSPORTATION MANAG	06.0705				2				2
MANAGEMENT SCIENCE, G	06.1303						1		1
MARKETING MANAGEMENT	06.1401			75					75
TRADE & INDUSTRIAL SUP	06.2001				3				3
OFFICE SUPERVISION & M	07.0401				5			3	8
ADVERTISING	09.0201				1			1	2
INDUSTRIAL TECHNOLOGY	15.0603			4	2			2	8
MEDICAL RECORDS ADMIN	18.0703			5					5
WEDDING/SPECIALTY CON	20.0308				1				1
PUBLIC AFFAIRS, GENERAL	44.0101			4					4
COMMUNITY SERVICES	44.0201				1				1
PUBLIC ADMINISTRATION	44.0401			9					9
PUBLIC AFFAIRS, OTHER	44.9999			1					1
<b>***TOTALS</b>				669	17			7	693

**ANALYSIS INFORMATION**

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
160.267-018	ESTIMATOR	0	30	20	5.99
161.167-010	MANAGEMENT ANALYST	0	0	0	15.31
165.067-010	PUBLIC-RELATIONS REPRESENTATIVE	0	52	14	11.43
166.167-030	MANAGER, EMPLOYMENT	0	0	0	10.75
168.167-054	MANAGER, CREDIT AND COLLECTION	0	0	0	11.37
169.167-030	MANAGER, ELECTRONIC DATA PROCESSING	0	0	0	15.50
169.167-034	MANAGER, OFFICE	0	562	67	10.45
183.167-018	GENERAL SUPERVISOR	0	0	0	14.48
184.167-094	MANAGER, TRAFFIC	0	0	0	11.10
184.167-114	MANAGER, WAREHOUSE	0	0	0	12.32
185.137-010	MANAGER, FAST FOOD SERVICES	0	0	0	7.40
185.167-014	MANAGER, AUTOMOBILE SERVICE STATION	0	40	0	8.46
186.117-014	CONTROLLER	0	0	0	17.13
186.117-038	MANAGER, FINANCIAL INSTITUTION	0	0	0	16.10
187.117-010	ADMINISTRATOR, HOSPITAL	0	0	0	20.92
187.117-018	DIRECTOR, INSTITUTION	0	0	0	10.67
187.117-026	EXECUTIVE DIRECTOR, SHELTERED WORKSHOP	0	0	0	10.64
187.117-042	MANAGER, RECREATION ESTABLISHMENT	0	0	0	7.45
187.167-058	MANAGER, BARBER OR BEAUTY SHOP	0	5	0	N.A.
187.167-082	MANAGER, CUSTOMER SERVICES	0	0	0	8.46
187.167-106	MANAGER, FOOD SERVICE	0	373	33	6.29
187.167-142	MANAGER, SERVICE DEPARTMENT	0	0	0	9.93
188.137-010	SUPERVISOR	0	46	36	N.A.
189.117-014	DIRECTOR, RESEARCH AND DEVELOPMENT	0	0	0	6.05
189.117-022	MANAGER, INDUSTRIAL ORGANIZATION	0	18	1	17.15
189.117-026	PRESIDENT	0	0	0	21.41
189.117-034	VICE PRESIDENT	0	0	0	19.88
189.167-030	PROGRAM MANAGER	0	0	0	8.18
319.137-010	FOOD-SERVICE SUPERVISOR	0	12	9	6.96
320.137-014	MANAGER, LODGING FACILITIES	0	0	0	7.26

CLUSTER TITLE: DATA ENTRY &amp; COMPUTER OPERATION

CLUSTER CODE OF07

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
TYPISTS, WORD PROCESSING EQUIP.	55311	554	655	11	20	31
COMPUTER OPERATORS, EXC. PERIPH.	56011	720	885	18	6	24
PERIPHERAL EDP EQUIP. OPERATORS	56014	110	131	2	1	3
DATA ENTRY KEYERS, EX. COMPOSING	56017	625	548	-9	2	-7
DATA ENTRY KEYERS, COMPOSING	56021	40	48	1	0	1
***TOTALS		2049	2267	23	29	52

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
BUSINESS COMPUTER & C	07.0302		37	1	2		119	7	166
BUSINESS DATA ENTRY EQ	07.0303		20		6			2	28
BUSINESS DATA PERIPHER	07.0304							1	1
WORD PROCESSING	07.0801		38	23	9		116		186
***TOTALS			95	24	17		235	10	381

## ANALYSIS INFORMATION

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	Avg. HRWAGE
203.362-022	WORD-PROCESSING-MACHINE OPERATOR	0	0	0	6.58
203.582-026	DATA-CODER OPERATOR	0	0	0	6.01
203.582-030	KEYPUNCH OPERATOR	0	38	36	5.78
203.582-054	TERMINAL OPERATOR	0	0	0	6.12
205.137-010	ADMITTING OFFICER	0	0	0	6.12
213.362-010	COMPUTER OPERATOR	0	275	68	7.09

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY						
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN	
COMPUTER SYSTEMS ANALYSTS, EDP	25102	281	372	10	2	12	
COMPUTER PROGRAMMERS & AIDES	25104	668	890	25	27	52	
PROGRAMMERS: NUMERICAL, TOOL	25111	3	2	0	0	0	
OPERATIONS & SYSTEMS ANALYSTS	25302	22	26	0	0	0	
***TOTALS		974	1290	35	29	64	

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
MANAGEMENT INFORMATI	06.1201			31					31
BUSINESS DATA PROCESS	07.0301		14	7					21
BUSINESS DATA PROGRAM	07.0305		7	5					12
COMPUTER & INFORMATIO	11.0101			96					96
COMPUTER PROGRAMMIN	11.0201			4					4
DATA PROCESSING	11.0301			4					4
INFORMATION SCIENCES	11.0401			7					7
MICROCOMPUTER APPLICA	11.0601			9	3			1	13
COMPUTER TECHNOLOGY	15.0301			4					4
MATHEMATICS & COMPUT	30.0801							1	1
***TOTALS		21	167	3				2	193

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
012.167-066	SYSTEMS ANALYST, ELECTRONIC DATA PROCE	0	60	32	12.69
020.062-010	COMPUTER-APPLICATIONS ENGINEER	0	0	0	18.95
020.162-014	PROGRAMMER, BUSINESS	0	41	20	N.A.
020.187-010	PROGRAMMER, INFORMATION SYSTEM	0	0	0	11.07
020.187-014	PROGRAMMER, PROCESS CONTROL	0	0	0	10.70
219.367-026	PROGRAMMER, DETAIL	0	2	0	N.A.

# PROTECTIVE SERVICE CLUSTERS

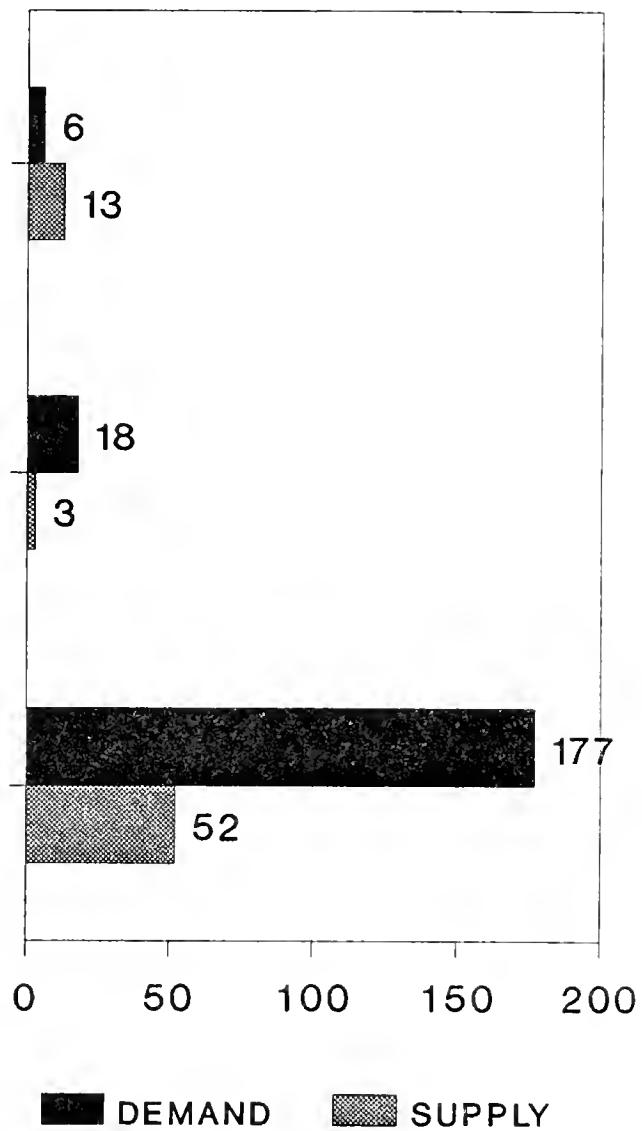
## DEMAND VS. SUPPLY

ESTIMATED ANNUAL OPENINGS VS. TRAINING COMPLETERS

PS01 EMERGENCY MEDICAL TECHNOLOGY

PS02 FIRE & FIRE SAFETY

PS03 POLICE SCIENCE & CRIMINOLOGY



## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY						
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN	
EMERGENCY MEDICAL TECHNICIANS	32508	255	287	4	2	6	
	***TOTALS	255	287	4	2	6	

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
EMERGENCY MEDICAL TEC	17.0206			13					13
	***TOTALS			13					13

NO ANALYSIS REPORT

CLUSTER TITLE: FIRE &amp; FIRE SAFETY

CLUSTER CODE PS02

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	GROWTH	EST. ANNUAL REPLAC	1986-1995 OPEN
FIRE FIGHTING & PREV.SUPERVISORS	61002	117	134	2	2	4
FIRE INSPECTORS	63001	13	14	0	0	0
FIRE FIGHTERS	63008	526	600	8	6	14
***TOTALS	656	748	10	8	18	

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
FIREFIGHTING	43.0203					3			3
***TOTALS						3			3

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	Avg. HRWAGE
373.364-010 FIRE FIGHTER		3	160	21	N.A.
452.687-014 FOREST-FIRE FIGHTER		0	298	1003	N.A.

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	GROWTH	EST. ANNUAL REPLAC	1986-1995 OPEN
DISPATCHER: POLICE, FIRE, AMBULANCE	58002	446	491	5	7	12
POLICE & DETECTIVE SUPERVISORS	61005	210	231	2	2	4
POLICE DETECTIVES	63011	98	106	1	1	2
POLICE PATROL OFFICERS	63014	920	1021	11	12	23
CORRECTION OFFICERS & JAILERS	63017	371	458	10	12	22
PARKING ENFORCEMENT OFFICERS	63021	51	62	1	2	3
BAILIFFS	63023	27	29	0	1	1
U.S. MARSHALLS	63026	2	2	0	0	0
CRIMINAL INVESTIGATORS, FEDERAL	63028	41	44	0	1	1
SHERIFFS, DEPUTIES, US MARSHALLS	63031	683	709	3	24	27
PRIVATE DETECTIVE & INVESTIGATOR	63035	80	91	1	6	7
RAILROAD POLICE & SPECIAL AGENTS	63038	10	9	0	1	1
CROSSING GUARDS	63044	106	127	2	6	8
GUARDS & WATCH GUARDS	63047	670	746	8	52	60
ALL OTHER PROTECTIVE SERVICE	63099	385	433	5	1	6
***TOTALS		4100	4559	49	128	177

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
CRIMINAL JUSTICE STUDIE	43.0104			20					20
LAW ENFORCEMENT	43.0107			16	2			2	20
SECURITY SERVICES	43.0109				10			2	12
***TOTALS				36	12			4	52

## ANALYSIS INFORMATION

[STATEWIDE]

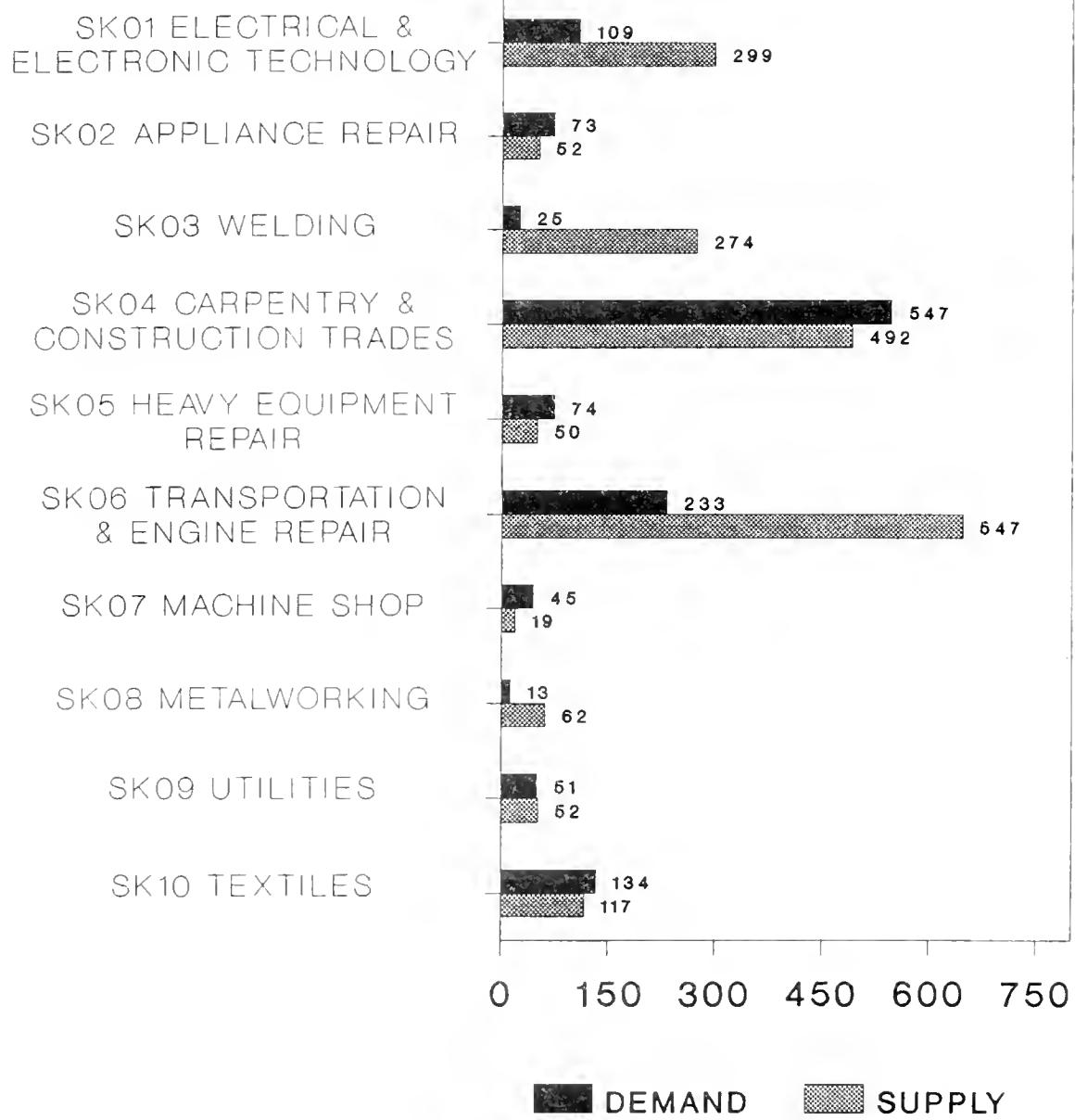
MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
189.167-034 SECURITY OFFICER		0	28	0	N.A.
372.667-018 CORRECTION OFFICER		0	50	38	N.A.
372.667-034 GUARD, SECURITY		0	152	96	5.77
372.667-038 MERCHANT PATROLLER		0	278	165	N.A.
375.263-014 POLICE OFFICER 1		0	115	22	N.A.
375.587-010 PARKING ENFORCEMENT OFFICER		0	6	1	N.A.

# SKILLS CLUSTERS

## DEMAND VS. SUPPLY

### ESTIMATED ANNUAL OPENINGS VS. TRAINING COMPLETERS



## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
ELECTRICAL & ELECTRONIC ENGINEER	22126	261	345	9	5	14
ELECTRICAL & ELECTRONIC TECHNS.	22505	382	456	8	8	16
RADIO MECHANICS	85514	54	62	1	1	2
DATA PROCESSING EQUIP. REPAIRERS	85705	27	37	1	0	1
ELECTRONICS REPAIRERS, COMM.& IND.	85717	84	92	1	1	2
ELECTRICAL INSTALLERS & REPAIRER	85728	81	83	0	2	2
ALL OTHER ELECTRIC., ELECTRO.MECH	85799	156	179	3	5	8
ELECTROMEDICAL & BIOMED. REPAIR.	85908	26	32	1	4	5
ELECTRICIANS	87202	1011	1143	15	36	51
ELECTRICAL, ELECTRONIC ASSEMBLER	93114	53	76	3	0	3
ELECTRICAL, ELECTRONIC ASSEMBLER	93905	9	14	1	1	2
HELPERS, ELECTRICIANS	98313	82	97	2	1	3
***TOTALS		2226	2616	45	64	109

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
ELECTRICAL, ELECTRONIC	14.1001			123					123
MICROELECTRONIC ENGIN	14.1002							2	2
ELECTRICAL TECHNOLOGY	15.0302			14				5	19
ELECTRONIC TECHNOLOG	15.0303		16	12					28
ROBOTICS TECHNOLOGY	15.0405				1			3	4
ELECTRICITY/ELECTRONI	21.0104	58							58
ELECTRICIAN	46.0302				12	3		1	16
ELECTRICAL/ELECTRONIC	47.0101	2	10						12
BUSINESS MACHINE REPA	47.0102				6				6
INDUSTRIAL ELECTRONIC	47.0105		18		8			3	29
MOTOR REPAIR	47.0107				1				1
VENDING & RECREATIONA	47.0109				1				1
***TOTALS		60	44	149	29	3		14	299

**ANALYSIS INFORMATION**

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
003.061-010	ELECTRICAL ENGINEER	0	51	4	15.30
003.061-014	ELECTRICAL TEST ENGINEER	0	1	0	N.A.
003.161-014	ELECTRONICS TECHNICIAN	0	113	21	11.91
003.281-010	DRAFTER, ELECTRICAL	0	6	3	N.A.
003.281-014	DRAFTER, ELECTRONIC	0	0	0	9.36
633.281-018	OFFICE-MACHINE SERVICER	1	23	20	7.03
638.261-022	PINSETTER MECHANIC, AUTOMATIC	0	22	2	5.40
720.281-010	RADIO REPAIRER	0	2	2	N.A.
720.281-018	TELEVISION-AND-RADIO REPAIRER	0	9	6	6.72
721.281-018	ELECTRIC-MOTOR REPAIRER	0	4	1	N.A.
721.684-022	ELECTRIC-MOTOR ASSEMBLER	0	6	0	N.A.
723.684-014	ASSEMBLER 1	0	1	0	N.A.
724.684-026	COIL WINDER	0	2	0	N.A.
726.130-010	SUPERVISOR, ELECTRONICS	0	1	0	N.A.
726.261-010	ELECTRONICS ASSEMBLER, DEVELOPMENTAL	0	4	0	N.A.
726.381-010	ELECTRONICS INSPECTOR 1	0	7	1	N.A.
726.384-010	ELECTRONICS ASSEMBLER	0	0	2	N.A.
726.684-010	CAPACITOR-PACK-PRESS OPERATOR	0	1	0	N.A.
726.684-018	ELECTRONICS ASSEMBLER	0	60	23	N.A.
726.684-022	ELECTRONICS INSPECTOR 2	0	3	0	N.A.
729.384-010	ASSEMBLER, ELECTRICAL ACCESSORIES 2	0	1	0	N.A.
729.687-010	ASSEMBLER, ELECTRICAL ACCESSORIES 1	0	7	0	N.A.
824.261-010	ELECTRICIAN	1	321	21	12.54
825.281-018	ELECTRICIAN, AIRPLANE	0	4	0	N.A.
826.361-010	ASSEMBLER AND WIRER, INDUSTRIAL EQUIPM	0	1	3	N.A.
828.251-010	ELECTRONIC-SALES-AND-SERVICE TECHNICA	0	0	0	7.57
828.261-014	FIELD ENGINEER	0	0	0	11.18
828.281-010	ELECTRONICS MECHANIC	0	158	9	13.34
829.281-014	ELECTRICAL REPAIRER	0	18	0	14.99

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
HOME ENTERTAINMENT EQ. REPAIRERS	85708	115	145	3	5	8
ELECTR. HOME APPL. & POWER TOOL	85711	166	201	4	8	12
ELECTRIC MOTOR REPAIRERS	85714	27	36	1	1	2
HEATING, A/C, REFRIG. MECHANICS	85902	374	440	7	30	37
CAMERA & PHOTOGRAPHIC REPAIRERS	85914	2	2	0	0	0
OFFICE MACHINE, REGISTER SERVICER	85926	184	195	1	1	2
GAS APPLIANCE REPAIRERS	85944	130	146	2	6	8
COIN & VENDING MACHINE SERVICERS	85947	68	79	1	3	4
***TOTALS		1066	1244	19	54	73

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
COMMUNICATION ELECTR	47.0103				4				4
MAJOR APPLIANCE REPAI	47.0106		21		6			3	30
SMALL APPLIANCE REPAI	47.0108				1				1
HEATING/AIR CONDITION	47.0201		13						13
COOLING & REFRIGERATI	47.0202				3			1	4
***TOTALS		34		14				5	70

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
633.281-010 CASH-REGISTER SERVICER		0	3	0	N.A.
637.261-014 ENVIRONMENTAL-CONTROL-SYSTEM INSTALLER		1	29	7	13.01
637.261-018 GAS-APPLIANCE SERVICER		0	16	3	N.A.
637.261-026 REFRIGERATION MECHANIC		0	19	3	10.20
637.664-010 ENVIRONMENTAL-CONTROL-SYSTEM INSTALLER		0	4	1	N.A.
639.281-014 COIN-MACHINE-SERVICE REPAIRER		0	9	1	N.A.
639.281-018 SEWING-MACHINE REPAIRER		0	3	4	N.A.
822.281-018 MAINTENANCE MECHANIC, TELEPHONE		0	6	1	N.A.
823.261-018 RADIO MECHANIC		0	6	2	N.A.
827.261-010 ELECTRICAL-APPLIANCE SERVICER		0	0	0	6.48

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
WELDING MACHINE SETTER/OPERATOR	91702	18	22	0	0	0
WELDING MACHINE OPERATORS	91705	3	2	0	0	0
WELDERS & CUTTERS	93914	712	832	13	12	25
***TOTALS		733	856	13	12	25

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
WELDING TECHNOLOGY	15.0610	*	*	*	*	*	*	1	1
WELDING	48.0508	203	23	*	6	40	*	1	273
***TOTALS		203	23	*	6	40	*	2	274

## ANALYSIS INFORMATION

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
810.384-014	WELDER, ARC	0	0	0	9.40
811.684-014	WELDER, GAS	0	8	0	7.70
819.131-014	WELDING SUPERVISOR	0	0	0	13.70
819.384-010	WELDER, COMBINATION	0	539	105	11.32

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	REPLAC	OPEN
ALL OTHER MATERIAL WORKERS	58099	141	151	1	4	5
FIRST LINE SUPERV.:CONST.EXTRAC.	81005	795	876	9	26	35
FIRST LINE SUPERV.:HELP,LABORERS	81017	199	226	3	49	52
CEILING TILE INSTALLERS	87105	18	21	0	0	0
DRYWALL INSTALLERS	87108	60	73	1	1	2
CARPENTERS	87110	2166	2723	62	85	147
TAPERS	87111	40	49	1	1	2
BRICK MASONS	87302	94	106	1	3	4
STONE MASONS	87305	28	36	1	1	2
HARD TILE SETTERS	87308	4	5	0	0	0
CONCRETE & TERRAZZO FINISHERS	87311	325	392	7	2	9
PLASTERERS & STUCCO MASONS	87317	43	49	1	9	10
PAINTERS & PAPERHANGERS	87402	273	317	5	7	12
PLUMBER, PIPEFITTER, STEAMFITTER	87502	715	828	13	26	39
PIPELAYING FITTERS	87505	63	70	1	1	2
PIPELAYERS	87508	102	122	2	2	4
CARPET INSTALLERS	87602	48	63	2	1	3
FLOOR LAYERS,EX.CARPET,WOOD,TILE	87605	4	5	0	0	0
INSULATION WORKERS	87802	91	109	2	2	4
ROOFERS	87808	142	178	4	8	12
GLAZIERS	87811	142	155	1	4	5
FENCE ERECTORS	87817	93	101	1	2	3
ALL OTHER CONSTRUCTION WORKERS	87899	217	220	0	4	4
CABINETMAKERS & BENCH CARPENTERS	89311	250	299	5	7	12
FURNITURE FINISHERS	89314	23	27	0	1	1
WOODWORKING MACHINE SETTER/OPER.	92311	237	249	1	3	4
WOODWORKING MACHINE OPERATORS	92314	163	174	1	2	3
COIL WINDERS, TAPERS, FINISHERS	93908	3	5	0	0	0
HELPERS, MASONS & TILE SETTERS	98311	57	67	1	1	2
HELPERS, CARPENTERS	98312	366	459	10	4	14
HELPERS, PAINTERS, PLASTERERS	98314	53	62	1	1	2
HELPERS, PLUMBERS, PIPEFITTERS	98315	76	90	2	1	3
HELPERS, ROOFERS	98316	14	16	0	0	0
HELPERS, ALL OTHER CONSTRUCTION	98319	352	381	3	2	5
ALL OTHER HAND MATERIAL MOVERS	98799	1607	1731	14	26	40
ALL OTHER HELPER, LABORER, MOVER	98999	4093	4237	16	89	105
***TOTALS		13097	14672	172	375	547

### S U P P L Y R E P O R T

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
CONSTRUCTION	21.0102	262							262
BRICKMASONRY, BLOCK,	46.0102				1	10		2	13
CARPENTRY	46.0201	85	11	11	6	38		2	153
CONCRETE PLACING & FIN	46.0402				1	16		1	18
CONSTRUCTION INSPECTI	46.0403							1	1
GLAZING	46.0406				1				1
INSULATION INSTALLATIO	46.0407				3				3
PAINTING & DECORATING	46.0408				2	15			17
PLASTERING	46.0409					1			1
ROOFING	46.0410							1	1
MISC. CONSTRUCTION TR	46.0499			2	3			1	6
PIPEFITTING & STEAMFITT	46.0502				13			1	14
CONSTRUCTION TRADES	46.9999				2				2
***TOTALS		347	11	13	32	80		9	492

### A N A L Y S I S I N F O R M A T I O N

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
760.684-010 BENCH CARPENTER		0	0	0	7.13
840.381-010 PAINTER		1	438	135	10.76
842.361-010 LATHER		0	4	0	N.A.
842.361-018 PLASTERER		0	9	0	N.A.
842.664-010 TAPER		0	24	7	N.A.
844.364-010 CEMENT MASON		0	140	20	N.A.
860.281-010 CARPENTER, MAINTENANCE		0	11	5	7.92
860.381-022 CARPENTER		1	1323	203	9.51
860.381-026 CARPENTER APPRENTICE		2	0	0	N.A.
861.381-018 BRICKLAYER		0	55	1	N.A.
862.381-018 PIPE FITTER		1	137	13	N.A.
862.381-030 PLUMBER		18	119	10	12.74
862.381-034 PLUMBER APPRENTICE		0	21	1	N.A.
864.381-010 CARPET LAYER		0	58	6	N.A.
865.381-010 GLAZIER		0	41	4	11.28
866.381-010 ROOFER		2	201	86	N.A.
869.664-014 CONSTRUCTION WORKER 1		0	1437	868	N.A.
869.684-010 ASSEMBLER		0	6	15	N.A.
869.687-026 CONSTRUCTION WORKER 2		0	1133	634	N.A.
869.687-038 INSPECTOR		0	0	0	8.43
899.281-014 MAINTENANCE REPAIRER, FACTORY OR MILL		0	10	8	N.A.

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
MACHINERY MECHANICS: PLANT	85118	136	154	2	5	7
ALL OTHER MACHINERY MECHANICS	85119	414	419	1	16	17
MILLWRIGHTS	85123	354	383	3	7	10
MACHINERY MAINTENANCE WORKERS	85128	201	223	2	9	11
MOBILE HEAVY EQUIPMENT MECHANICS	85314	573	665	10	18	28
SIGNAL OR TRACK SWITCH MAINT.	85511	95	87	-1	1	0
RIGGERS	85935	12	14	0	1	1
***TOTALS		1785	1945	17	57	74

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
HEAVY EQUIPMENT MAINT	47.0302	*	10	*	5	5	*	*	20
INDUSTRIAL MACHINERY	47.0303	*	*	*	2	*	15	1	18
MINE EQUIPMENT MAINT	47.0304	*	*	*	1	*	*	*	1
DIESEL ENGINE MECHANI	47.0605	*	5	*	2	2	*	2	11
***TOTALS		*	15	*	10	7	15	2	32

## ANALYSIS INFORMATION

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
620.261-022	CONSTRUCTION-EQUIPMENT MECHANIC	0	141	26	12.03
620.281-046	MAINTENANCE MECHANIC	0	16	0	N.A.
625.281-010	DIESEL MECHANIC	1	264	85	12.91
638.261-014	MACHINERY ERECTOR	0	2	0	N.A.
638.281-014	MAINTENANCE MECHANIC	0	160	89	10.93
638.281-018	MILLWRIGHT	0	111	15	12.13
638.281-022	MILLWRIGHT APPRENTICE	1	0	0	N.A.
915.687-018	LUBRICATION SERVICER	0	29	33	N.A.

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
FIRST LINE SUPERV.:MECH.& REPAIR	81002	1354	1466	12	38	50
AUTOMOTIVE MECHANICS	85302	1729	1856	14	53	67
AUTOMOTIVE BODY,RELATED REPAIRER	85305	551	638	10	11	21
MOTORCYCLE REPAIRERS	85308	50	53	0	0	0
BUS, TRUCK, DIESEL ENG. MECHANIC	85311	1036	1177	16	24	40
RAIL CAR REPAIRERS	85317	29	27	0	1	1
SMALL ENGINE SPECIALISTS	85328	101	117	2	0	2
BICYCLE REPAIRERS	85951	21	23	0	1	1
TIRE REPAIRERS & CHANGERS	85953	415	421	1	19	20
PAINTERS, TRANSPORTATION EQUIP.	92947	31	35	0	1	1
SERVICE STATION ATTENDANTS	97805	943	974	3	14	17
MECHANIC & REPAIRER HELPERS	98102	281	308	3	10	13
***TOTALS		6541	7095	61	172	233

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
AUTOMOTIVE TECHNOLOG	15.0803			13					13
AUTOMOTIVE BODY REPAI	47.0603	24	26		8	9		2	69
AUTOMOTIVE MECHANICS	47.0604	400	44		20	18		6	488
SMALL ENGINE REPAIR	47.0606	50	10		1			4	65
VEHICLE & MOBILE EQUIP	47.0699		10						10
MARINE MAINTENANCE	49.0306			2					2
***TOTALS		474	90	13	31	27		12	647

**ANALYSIS INFORMATION**

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
620.261-010	AUTOMOBILE MECHANIC	4	743	254	10.49
620.281-010	AIR-CONDITIONING MECHANIC	0	5	0	N.A.
620.281-054	MOTORCYCLE REPAIRER	0	0	0	7.06
620.281-062	TRANSMISSION MECHANIC	0	0	0	9.00
620.381-010	AUTOMOBILE-RADIATOR MECHANIC	0	0	0	8.69
620.381-022	REPAIRER, HEAVY	0	2	1	N.A.
620.684-014	AUTOMOBILE-MECHANIC HELPER	0	0	0	6.23
625.281-026	GAS-ENGINE REPAIRER	0	0	0	6.60
625.281-034	SMALL-ENGINE MECHANIC	0	62	32	N.A.
638.261-018	MANUFACTURER'S SERVICE REPRESENTATIVE	0	0	0	9.54
639.681-010	BICYCLE REPAIRER	0	0	0	3.46
806.361-026	NEW-CAR GET-READY MECHANIC	0	0	0	5.41
806.684-038	AUTOMOBILE-ACCESSORIES INSTALLER	0	0	0	5.96
807.281-010	TRUCK-BODY BUILDER	0	0	0	8.58
807.381-010	AUTOMOBILE-BODY REPAIRER	0	239	49	9.54
845.381-014	PAINTER, TRANSPORTATION EQUIPMENT	0	15	4	N.A.
862.261-010	PIPE FITTER	0	3	0	N.A.
863.381-014	PIPE COVERER AND INSULATOR	0	2	0	N.A.
915.684-010	TIRE REPAIRER	0	0	0	6.17

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
TOOL AND DIE MAKERS	89102	7	7	0	0	0
MACHINISTS	89108	738	750	1	22	23
TOOL GRINDERS,FILERS,SHARPENERS	89111	154	166	1	5	6
PATTERN & MODEL MAKERS, WOOD	89302	1	1	0	0	0
WOOD MACHINISTS	89308	77	82	1	2	3
MOLDERS & SHAPERS, EXC. JEWELRY	89905	6	6	0	0	0
SAWING MACH. TOOL SETTER/OP.,M/P	91102	2	2	0	0	0
LATHE,TURNING MACH.SETTER/OP,M/P	91105	15	13	0	0	0
DRILLING,BORING MACH.SET/OP.,M/P	91108	2	2	0	0	0
GRINDING,BUFFING MACH.SET/OP.M/P	91114	4	5	0	0	0
MACHINE TOOL CUTTING OPER., M/P	91117	20	14	-1	0	-1
PUNCHING MACH. SETTER/OPER., M/P	91302	7	8	0	0	0
PRESS, BRAKE MACH.SETTER/OP.,M/P	91305	10	8	0	0	0
MACHINE FORMING OPERATORS, M/P	91321	11	11	0	1	1
COMBINATION MACH.TOOL OPER., M/P	91508	54	37	-2	1	-1
PLASTIC MOLDING, CASTING OPER.	91905	7	7	0	1	1
ALL OTHER MET./PLAST. MACH. SET/	92100	11	13	0	0	0
SAWING MACHINE SETTER/OPERATOR	92302	38	41	0	0	0
SAWING MACHING OPERATOR/TENDER	92308	617	664	5	8	13
MACHINE BUILDERS	93105	5	5	0	0	0
***TOTALS		1786	1842	5	40	45

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
MACHINE TOOL OPERATIO	48.0503		13		3	1		2	19
***TOTALS			13		3	1		2	19

**ANALYSIS INFORMATION**

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
521.682-026	GRINDER OPERATOR	0	0	0	8.51
557.382-010	EXTRUDER OPERATOR	0	2	0	N.A.
600.280-022	MACHINIST	3	168	35	10.15
600.280-030	MACHINIST APPRENTICE, AUTOMOTIVE	1	0	0	N.A.
600.280-034	MACHINIST, AUTOMOTIVE	0	0	0	8.86
600.380-018	MACHINE SET-UP OPERATOR	0	5	1	6.51
601.280-046	TOOL-AND-DIE MAKER	0	3	0	10.59
603.280-018	GRINDER OPERATOR, TOOL	0	0	1	N.A.
603.664-010	TOOL GRINDER 2	0	4	5	N.A.
603.682-026	POLISHING-MACHINE OPERATOR	0	1	0	N.A.
603.685-062	GRINDER OPERATOR, PRODUCTION	0	0	0	8.62
604.280-014	SCREW-MACHINE SET-UP OPERATOR, MULTIPL	0	0	0	7.80
604.685-026	LATHE OPERATOR, PRODUCTION	0	5	3	N.A.
605.380-010	MILLING-MACHINE OPERATOR, NUMERICAL CO	0	0	0	7.41
606.682-010	BORING-MACHINE OPERATOR	0	1	0	N.A.
606.682-014	DRILL-PRESS OPERATOR	0	0	0	7.84
609.684-014	LABORER, GENERAL	0	0	0	7.91
609.685-018	PRODUCTION-MACHINE TENDER	0	4	0	10.20
615.482-022	PUNCH-PRESS OPERATOR 1	0	0	1	N.A.
619.130-030	SUPERVISOR, LINE	0	0	0	11.49
626.281-010	MACHINE REPAIRER, MAINTENANCE	0	3	0	N.A.
638.684-018	MAINTENANCE-MECHANIC HELPER	0	6	6	N.A.
669.686-018	CHAIN OFFBEARER	0	0	0	8.37
691.382-010	EXTRUDING-MACHINE OPERATOR	0	1	0	N.A.
701.381-014	SAW FILER	0	0	0	11.02
705.687-014	LABORER, GRINDING AND POLISHING	0	4	0	N.A.

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
REINFORCING METAL WORKERS	87314	86	103	2	1	3
SHEET METAL DUCT INSTALLERS	87805	6	7	0	0	0
STRUCTURAL METAL WORKERS	87814	131	161	3	2	5
SHEET METAL WORKERS	89132	262	284	2	1	3
BOILERMAKERS	89135	31	30	0	0	0
ALL OTHER PRECISION METAL WORKER	89199	1	1	0	0	0
FOUNDRY MOLD & CORE MAKERS	89902	12	9	0	1	1
STRUCTURAL METAL FABRICATORS	91714	162	120	-5	5	0
METAL MOLDING, CASTING OPERATOR	91911	6	4	0	1	1
ELECTROLYTIC PLATING SET/OP.,M/P	91917	13	9	0	0	0
METAL POURERS, BASIC SHAPES	93941	35	24	-1	1	0
***TOTALS		745	752	1	12	13

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
PRECISION METAL WORK,	48.0501	49							49
FOUNDRY WORK	48.0502				3				3
METAL FABRICATION	48.0504				8			2	10
***TOTALS		49			11			2	62

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
504.682-018	HEAT TREATER 2	0	1	14	N.A.
509.686-010	LABORER, GENERAL	0	68	71	N.A.
518.361-010	MOLDER	0	0	0	7.19
519.687-022	FOUNDRY WORKER, GENERAL	0	11	23	4.66
619.260-008	ORNAMENTAL-METAL WORKER	0	1	0	N.A.
619.360-014	METAL FABRICATOR	0	7	11	N.A.
804.281-010	SHEET-METAL WORKER	7	104	22	N.A.
805.261-014	BOILERMAKER 1	0	40	0	N.A.
806.134-010	SUPERVISOR, AUTOMOBILE ASSEMBLY	0	0	0	9.37
806.381-046	SHIPFITTER	0	1	0	N.A.
809.281-010	LAY-OUT WORKER 1	0	2	1	N.A.
809.381-010	FABRICATOR-ASSEMBLER, METAL PRODUCTS	0	0	0	10.72

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
ESTIMATORS & DRAFTERS, UTILITIES	22517	16	18	0	0	0
CUSTOMER SERVICE REPS, UTILITIES	55335	250	271	2	4	6
METER READERS, UTILITIES	58014	202	212	1	4	5
CENTRAL OFFICE & PBX INSTAL/RPR.	85502	231	248	2	3	5
FRAME WIRERS, CENTRAL OFFICE	85505	18	15	0	0	0
ALL OTHER COMMUN.EQUIP.MECHANICS	85599	37	44	1	1	2
TELEPHONE & CABLE TV INSTAL/RPR.	85702	287	280	-1	2	1
POWERHOUSE & RELAY ELECTRICIANS	85721	44	49	1	1	2
ELECTRICAL POWERLINE INSTAL/RPR.	85723	552	549	0	14	14
TELEPH. STATION INSTALL.& REPAIR	85726	207	165	-5	2	-3
ELECTRIC METER INSTALLERS/REPAIR	85911	107	122	2	17	19
***TOTALS		1951	1973	3	48	51

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
*TELECOMMUNICATIONS	09.0801						42		42
LINEWORKER	46.0303					4		1	5
PLUMBING	46.0503					1			1
CONVENTIONAL ELECTRIC	47.0502			1		1		2	4
***TOTALS				1		6		42	3
									52

\* The following breakdown of hiring occurred with these graduates: 35 were hired into telephone occupations, four used school to improve skills, three were not hired into the telephone industry. Nearly all of these jobs were located outside the state of Montana.

**A N A L Y S I S   I N F O R M A T I O N**

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
209.567-010	METER READER	0	0	0	7.98
710.281-026	INSTRUMENT MECHANIC	0	3	1	N.A.
821.131-014	LINE SUPERVISOR	0	0	0	16.22
821.261-014	LINE MAINTAINER	1	0	0	11.83
821.361-018	LINE ERECTOR	1	0	0	15.09
821.361-026	LINE REPAIRER	6	14	1	15.24
822.281-014	CENTRAL-OFFICE REPAIRER	1	3	0	N.A.
822.381-018	PRIVATE-BRANCH-EXCHANGE INSTALLER	1	0	0	13.28
824.281-014	ELECTRIC-DISTRIBUTION CHECKER	2	0	0	N.A.
862.684-014	LABORER, CONSTRUCTION OR LEAK GANG	0	18	27	N.A.
952.362-026	SUBSTATION OPERATOR	0	1	0	N.A.
952.362-038	SWITCHBOARD OPERATOR	0	1	0	N.A.
952.362-042	TURBINE OPERATOR	0	1	0	N.A.

CLUSTER TITLE: TEXTILES

CLUSTER CODE SK10

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
MENDERS, GARMENTS & LINENS	85956	50	54	0	2	2
CUSTOM TAILORS & SEWERS	89505	81	93	1	11	12
UPHOLSTERERS	89508	82	101	2	2	4
SHOE & LEATHER WORKERS	89511	21	23	0	3	3
SPOTTERS, DRY CLEANING	89514	36	41	1	2	3
PRESSERS, DELICATE FABRICS	89517	71	81	1	4	5
ALL OTHER PRECISION TEXTILE, APPA	89599	8	8	0	1	1
TEXTILE MACHINE OPERATORS	92705	2	4	0	0	0
SEWING MACH. OPERATOR, GARMENT	92717	232	433	22	21	43
SEWING MACH. OPER., NON-GARMENT	92721	57	77	2	4	6
SHOE SEWING MACHINE OPERATOR	92723	16	18	0	0	0
LAUNDRY, DRYCLEANING MACH. OPER.	92726	600	708	12	36	48
PRESSING MACH. OPERATOR, TEXTILES	92728	84	98	2	5	7
PRESSERS, HAND	93921	20	23	0	0	0
SEWERS, HAND	93923	6	7	0	0	0
CUTTERS & TRIMMERS, HAND	93926	12	15	0	0	0
***TOTALS		1378	1784	43	91	134

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
DRYCLEANING & LAUNDER	12.0101				4			1	5
CLOTHING/APPAREL/TEXT	20.0301	92							92
CLOTHING MAINTENANCE	20.0302				2			1	3
COMMERCIAL GARMENT &	20.0303				4			5	9
CUSTOM APPAREL/GARME	20.0304				1				1
UPHOLSTERING	48.0303				6			1	7
***TOTALS		92			17			8	117

**ANALYSIS INFORMATION**

[STATEWIDE]

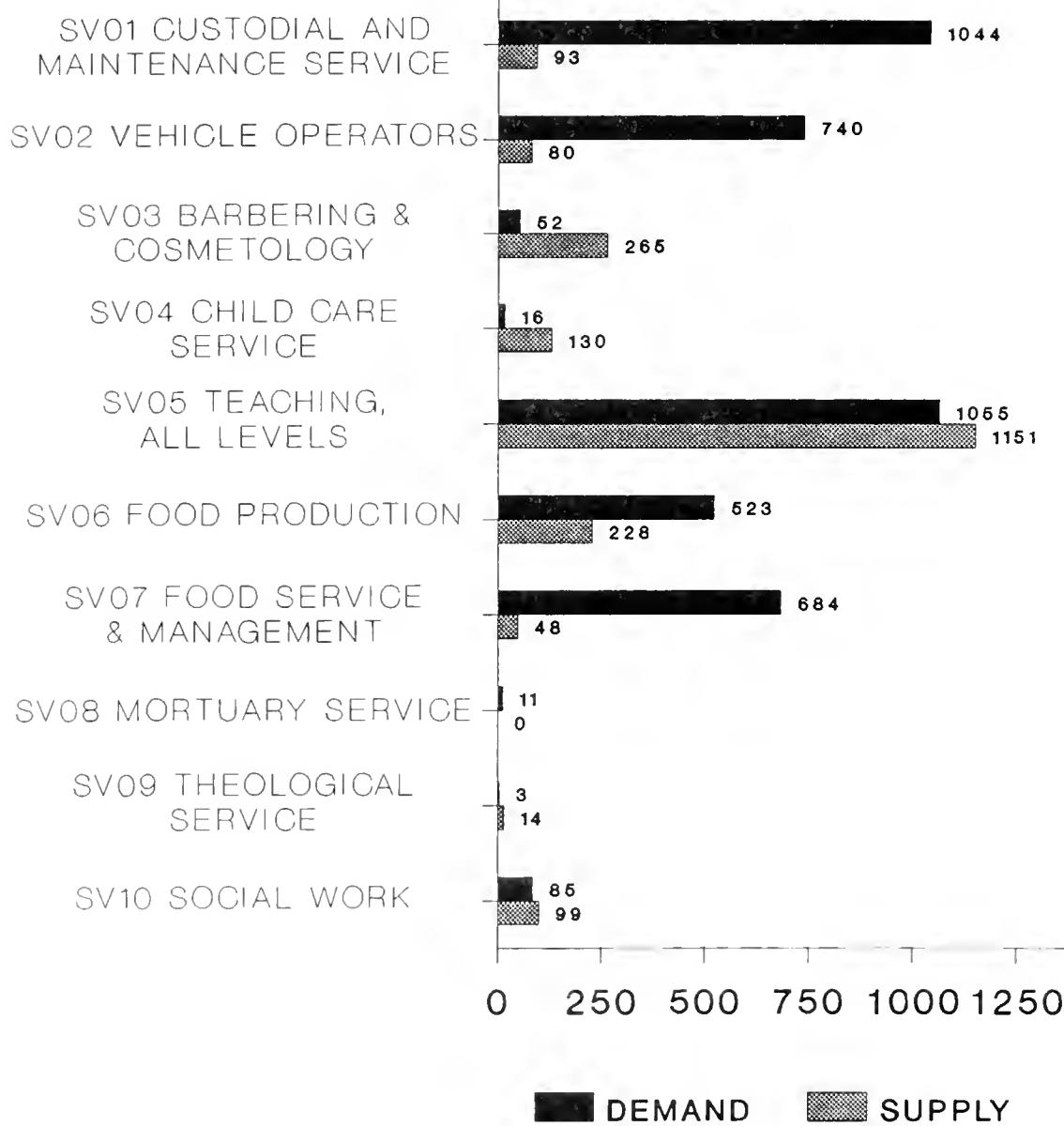
MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
142.061-018	CLOTHES DESIGNER	0	2	0	N.A.
221.367-070	SERVICE CLERK	0	0	0	5.98
302.687-010	IRONER	0	1	2	N.A.
361.137-010	SUPERVISOR, LAUNDRY	0	0	0	7.04
361.665-010	WASHER, MACHINE	0	10	3	N.A.
361.684-014	LAUNDRY WORKER 1	0	0	0	4.78
361.685-018	LAUNDRY WORKER 2	0	53	46	N.A.
361.687-014	CLASSIFIER	0	1	0	N.A.
361.687-018	LAUNDRY LABORER	0	58	17	N.A.
362.684-010	DRY CLEANER, HAND	0	1	0	N.A.
363.681-010	SILK FINISHER	0	0	0	4.86
363.682-018	PRESSER, MACHINE	0	5	4	N.A.
363.684-018	PRESSER, HAND	0	3	8	N.A.
363.685-026	SHIRT PRESSER	0	1	0	N.A.
363.686-010	FLATWORK FINISHER	0	2	0	N.A.
685.665-014	KNITTING-MACHINE OPERATOR	0	1	0	N.A.
689.684-010	BURLER	0	2	0	N.A.
690.682-082	STITCHER, STANDARD MACHINE	0	3	1	N.A.
780.381-018	FURNITURE UPHOLSTERER	0	9	9	6.00
780.681-010	UPHOLSTERER, INSIDE	0	2	1	N.A.
782.684-058	SEWER, HAND	0	14	5	N.A.
783.682-014	SEWING-MACHINE OPERATOR	0	1	3	N.A.
785.261-010	ALTERATION TAILOR	0	27	26	4.48
787.682-046	SEWING-MACHINE OPERATOR	0	101	39	4.86
789.687-066	GARMENT FOLDER	0	0	5	N.A.
795.687-014	GLUER	0	1	0	N.A.
920.687-018	BAGGER	0	0	0	3.98

# SERVICE CLUSTERS

## DEMAND VS. SUPPLY

ESTIMATED ANNUAL OPENINGS VS. TRAINING COMPLETERS



## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
CONSTRUCTION, BUILDING INSPECTOR	21908	186	207	2	8	10
HOUSEKEEPERS, INSTITUTIONAL	61008	422	504	9	63	72
JANITORS, CLEANERS, MAIDS	67001	7	9	0	0	0
MAIDS & HOUSEKEEPING CLEANERS	67002	3417	3854	49	138	187
JANITORS & CLEANERS, EXC.MAIDS	67005	5610	6594	109	389	498
PEST CONTROLLERS & ASSISTANTS	67008	51	51	0	5	5
ELEVATOR OPERATORS	67011	1	1	0	0	0
ALL OTHER CLEAN,BUILDING SERVICE	67099	847	932	9	34	43
MAINTENANCE REPAIRERS, GENUTIL.	85132	3305	3840	59	160	219
MOBILE HOME INSTALLER & REPAIRER	85938	119	127	1	6	7
PARKING LOT ATTENDANTS	97808	12	16	0	3	3
***TOTALS		13977	16135	238	806	1044

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
CUSTODIAL SERVICES	20.0604				6			5	11
EXECUTIVE HOUSEKEEPIN	20.0605				2			2	4
HOMEMAKER'S AIDE	20.0606				1			1	2
BUILDING & PROPERTY MA	46.0401				21	37		18	76
***TOTALS					30	37		26	93

**ANALYSIS INFORMATION**

[STATEWIDE]

**MONTANA DEPARTMENT OF LABOR AND INDUSTRY**

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
187.167-046	EXECUTIVE HOUSEKEEPER	0	0	0	6.78
301.474-010	HOUSE WORKER, GENERAL	0	228	370	N.A.
301.687-010	CARETAKER	0	0	0	4.56
321.137-010	HOUSEKEEPER	0	0	0	4.81
323.687-010	CLEANER, HOSPITAL	0	58	59	4.36
323.687-014	CLEANER, HOUSEKEEPING	0	956	973	N.A.
381.137-010	SUPERVISOR, JANITORIAL SERVICES	0	0	0	6.33
381.687-014	CLEANER, COMMERCIAL OR INSTITUTIONAL	0	593	522	4.78
381.687-018	CLEANER, INDUSTRIAL	0	0	0	6.23
382.664-010	JANITOR	0	0	0	5.02
389.684-010	EXTERMINATOR	0	5	3	N.A.
809.687-022	LABORER, SHIPYARD	0	1	0	N.A.
899.381-010	MAINTENANCE REPAIRER, BUILDING	0	620	196	6.95
899.684-022	MAINTENANCE-REPAIRER HELPER, FACTORY	0	3	1	N.A.
919.687-014	CLEANER 2	0	66	71	5.11

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
AMBULANCE DRIVERS & ATTENDANTS	66023	66	74	1	2	3
FIRST LINE SUPERV.: TRANSPORT.	81011	231	263	4	12	16
AIR HAMMER OPERATORS	87702	28	33	1	1	2
PILE DRIVING OPERATORS	87705	5	6	0	0	0
PAVING, SURFACING, TAMPING	87708	156	175	2	6	8
HIGHWAY MAINTENANCE WORKERS	87711	967	1001	4	20	24
RAIL TRACK LAYING EQUIP. OPER.	87714	296	253	-5	6	1
TRUCK DRIVERS	97101	7316	8357	116	271	387
BUS DRIVERS	97108	259	293	4	14	18
BUS DRIVERS, SCHOOL	97111	1426	1697	30	80	110
TAXI DRIVERS & CHAUFFEURS	97114	93	99	1	5	6
ALL OTHER MOTOR VEHICLE OPERATOR	97199	127	140	1	5	6
RAILROAD CONDUCTORS, YARDMASTERS	97302	283	256	-3	7	4
LOCOMOTIVE ENGINEERS	97305	234	226	-1	7	6
RAIL YARD ENGINEERS,DINKEY OPER.	97308	39	34	-1	1	0
LOCOMOTIVE FIRERS	97311	80	66	-2	2	0
RAILROAD BRAKE, SIGNAL, SWITCH	97317	619	539	-9	7	-2
ALL OTHER RAIL VEHICLE OPERATORS	97399	30	27	0	0	0
BRIDGE, LOCK, LIGHTHOUSE TENDERS	97802	16	17	0	0	0
ALL OTHER TRANSPORTATION WORKERS	97899	243	272	3	9	12
TANK CAR & TRUCK LOADERS	97905	18	14	0	0	0
GRADER, DOZER, SCRAPER OPERATORS	97938	384	467	9	41	50
HOIST & WINCH OPERATORS	97941	107	105	0	0	0
CRANE & TOWER OPERATORS	97944	78	83	1	2	3
INDUSTRIAL TRUCK & TRACTOR OPER.	97947	716	649	-7	6	-1
CONVEYOR OPERATORS & TENDERS	97951	264	287	3	8	11
OPERATING ENGINEERS	97956	1210	1373	18	39	57
ALL OTHER TRANSP.,MAT.MOVING OPR	97989	160	177	2	6	8
VEHICLE, EQUIPMENT CLEANERS	98905	467	524	6	5	11
<b>***TOTALS</b>		<b>15918</b>	<b>17507</b>	<b>178</b>	<b>562</b>	<b>740</b>

**S U P P L Y R E P O R T**

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
VEHICLE & EQUIPMENT OP	49.0201								1 1
CONSTRUCTION EQUIPMEN	49.0202		10		2	13			25
MATERIAL HANDLING	49.0203				9	2			1 12
TRUCK & BUS DRIVING	49.0205		23		11				7 41
VEHICLE & EQUIPMENT OP	49.0299								1 1
<b>***TOTALS</b>			33		22	15			10 80

**A N A L Y S I S I N F O R M A T I O N**

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
168.267-058	INSPECTOR, MOTOR VEHICLES	0	14	6	N.A.
850.663-022	MOTOR-GRADER OPERATOR	0	0	0	15.50
902.683-010	DUMP-TRUCK DRIVER	0	0	0	14.74
903.683-018	TANK-TRUCK DRIVER	0	25	6	7.61
904.383-010	TRACTOR-TRAILER-TRUCK DRIVER	0	999	316	8.48
905.663-014	TRUCK DRIVER, HEAVY	0	1127	325	9.63
906.683-010	FOOD-SERVICE DRIVER	0	0	0	6.79
906.683-022	TRUCK DRIVER, LIGHT	0	383	153	7.09
913.463-010	BUS DRIVER	0	268	125	6.54
913.463-018	TAXI DRIVER	0	45	24	3.08
913.683-010	AMBULANCE DRIVER	0	0	0	7.44
915.473-010	PARKING-LOT ATTENDANT	0	20	30	3.49
915.667-010	CAR-WASH ATTENDANT, AUTOMATIC	0	16	19	N.A.
919.683-014	DRIVER	0	2	3	N.A.
921.663-010	BRIDGE-OR-GANTRY-CRANE OPERATOR	0	12	0	N.A.
921.663-022	DERRICK OPERATOR	0	0	0	13.39
921.683-042	FRONT-END LOADER OPERATOR	0	0	0	15.44
921.683-050	INDUSTRIAL-TRUCK OPERATOR	0	0	0	9.79
922.687-058	LABORER, STORES	0	0	0	7.28
929.683-014	TRACTOR OPERATOR	0	0	0	11.57
929.687-030	MATERIAL HANDLER	0	1570	7169	7.84
932.683-018	MECHANICAL-SHOVEL OPERATOR	0	0	0	13.13
950.382-026	STATIONARY ENGINEER	0	31	6	10.25

**CLUSTER TITLE: BARBERING & COSMETOLOGY****CLUSTER CODE SV03****D E M A N D   R E P O R T****[STATEWIDE]****MONTANA DEPARTMENT OF LABOR AND INDUSTRY**

<b>- OCCUPATION - TITLE</b>	<b>OES CODE</b>	<b>1986 EMPLOY</b>	<b>1995 EMPLOY</b>	<b>EST. ANNUAL GROWTH</b>	<b>1986-1995 REPLAC</b>	<b>OPEN</b>
BARBERS	68002	77	83	1	10	11
HAIRDRESSERS & COSMETOLOGISTS	68005	905	1050	16	25	41
MANICURISTS	68008	3	3	0	0	0
	<b>***TOTALS</b>	<b>985</b>	<b>1136</b>	<b>17</b>	<b>35</b>	<b>52</b>

**S U P P L Y   R E P O R T****[STATEWIDE]****SCHOOL YEAR 1988-89**

<b>- PROGRAM - TITLE</b>	<b>CIP CODE</b>	<b>PUBLIC SECOND</b>	<b>VOC TECH</b>	<b>HIGHER EDUC</b>	<b>JOB JTPA</b>	<b>PRIV. CORPS</b>	<b>VOC SCHOOL</b>	<b>TOTAL REHAB</b>	<b>*****</b>
BARBERING/HAIRSTYLING	12.0402						28	28	
COSMETOLOGY	12.0403				4		231	2	237
	<b>***TOTALS</b>				4		259	2	265

**A N A L Y S I S   I N F O R M A T I O N****[STATEWIDE]****MONTANA DEPARTMENT OF LABOR AND INDUSTRY**

<b>D.O.T. CODE</b>	<b>D.O.T. TITLE</b>	<b>APPREN</b>	<b>J.S. APPS</b>	<b>J.S. OPEN</b>	<b>AVG. HRWAGE</b>
330.371-010	BARBER	0	25	3	N.A.
332.271-010	COSMETOLOGIST	0	183	41	3.93

CLUSTER TITLE: CHILD CARE SERVICES

CLUSTER CODE SV04

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
CHILD CARE WORKERS	68038	458	464	1	15	16
***TOTALS		458	464	1	15	16

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
CHILD CARE & GUIDANCE	20.0201	109	11						120
CHILD CARE AIDE/ASSISTI	20.0202				3			2	5
CHILD CARE MANAGEMENT	20.0203				2		2	1	5
***TOTALS		109	11		5		2	3	130

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
092.227-018	TEACHER, PRESCHOOL	0	0	0	7.76
359.677-010	ATTENDANT, CHILDREN'S INSTITUTION	0	70	65	3.62
359.677-018	NURSERY SCHOOL ATTENDANT	0	258	133	4.48
359.677-026	PLAYROOM ATTENDANT	0	6	2	N.A.

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	REPLAC	OPEN
*LECTURERS	31111	72	82	1	2	3
*NURSING INSTRUCTORS	31114	127	152	3	5	8
*GRADUATE ASSISTANTS, TEACHING	31117	753	804	6	23	29
*LIFE SCIENCE TEACHERS	31202	275	327	6	9	15
*CHEMISTRY TEACHERS	31204	72	86	2	2	4
*PHYSICS TEACHERS	31206	51	61	1	2	3
*ALL OTHER PHYS. SCIENCE TEACHER	31209	49	58	1	2	3
*SOCIAL SCIENCE TEACHERS	31210	205	243	4	7	11
*HEALTH SPECIALTIES TEACHERS	31212	40	48	1	1	2
*ENGLISH & FOREIGN LANG. TEACHER	31216	188	223	4	15	19
*ART, DRAMA, & MUSIC TEACHERS	31218	148	176	3	5	8
*ENGINEERING TEACHERS	31222	117	139	2	4	6
*MATHEMATICAL SCIENCE TEACHERS	31224	111	132	2	4	6
*COMPUTER SCIENCE TEACHERS	31226	58	69	1	2	3
*ALL OTHER POSTSECONDARY TEACHER	31299	541	643	11	18	29
TEACHERS, PRESCHOOL & KINDERGARTN	31302	893	1036	16	16	32
TEACHERS, ELEMENTARY	31305	5812	6902	121	148	269
TEACHERS, SECONDARY SCHOOL	31308	4418	5116	78	71	149
TEACHERS, SPECIAL EDUCATION	31311	1096	1301	23	19	42
TEACHERS, VOCATIONAL EDUCATION	31314	636	730	10	33	43
INSTRUCTORS, NONVOCATIONAL EDUC	31317	517	640	14	28	42
INSTRUCTORS & COACHES, SPORTS	31321	972	1176	23	52	75
ALL OTHER TEACHERS, INSTRUCTORS	31399	553	660	12	29	41
VOCATIONAL & EDUC. COUNSELORS	31514	335	403	8	8	16
INSTRUCTIONAL COORDINATORS	31517	60	69	1	3	4
TEACHER AIDS-PARAPROFESSIONAL	31521	1129	1338	23	120	143
TEACHER AIDS & EDUC. ASSISTANT	53904	940	1159	24	36	60
***TOTALS		20168	23773	401	664	1065

\* POSTSECONDARY LEVEL TEACHERS

**S U P P L Y R E P O R T**

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
EDUCATION, GENERAL	13.0101			169	1			1	171
SCHOOL PSYCHOLOGY	13.0801			5					5
SPECIAL EDUCATION, GEN	13.1001			26					26
EDUCATION OF THE EMOT	13.1005			4					4
EDUCATION OF THE MULT	13.1007			2					2
SPECIFIC LEARNING DISAB	13.1011			5					5
STUDENT COUNSELING &	13.1101			57	3			3	63
ELEMENTARY EDUCATION	13.1202			389	2			4	395
PRE-ELEMENTARY EDUCAT	13.1204			18					18
SECONDARY EDUCATION	13.1205			33	3			13	49
AGRICULTURAL EDUCATIO	13.1301			12					12
ART EDUCATION	13.1302			8					8
BUSINESS EDUCATION	13.1303			31					31
ENGLISH EDUCATION	13.1305			24					24
FOREIGN LANGUAGES EDU	13.1306			1					1
INDUSTRIAL ARTS EDUCA	13.1309			29				2	31
MATHEMATICS EDUCATION	13.1311			17					17
MUSIC EDUCATION	13.1312			21					21
PHYSICAL EDUCATION	13.1314			116				2	118
READING EDUCATION	13.1315			14					14
SCIENCE EDUCATION	13.1316			19					19
SOCIAL SCIENCE EDUCATI	13.1317			7					7
SOCIAL STUDIES EDUCATI	13.1318			40					40
TECHNICAL EDUCATION	13.1319			8					8
TRADE & INDUSTRIAL EDU	13.1320			2					2
COMPUTER EDUCATION	13.1321				1			2	3
TEACHER EDUCATION, SPE	13.1399			2					2
TEACHER ASSISTING	13.1501				1			1	2
SIGN LANGUAGE INTERPR	17.0410							1	1
HOME ECONOMICS, GENE	19.0101			48					48
INDIVIDUAL & FAMILY DEVE	19.0701			4					4
<b>***TOTALS</b>					1111	11			29 1151

**ANALYSIS INFORMATION**

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
045.107-010	COUNSELOR	0	224	56	8.90
075.121-010	NURSE, INSTRUCTOR	0	0	0	14.50
090.227-010	FACULTY MEMBER, COLLEGE OR UNIVERSITY	0	95	8	10.35
091.227-010	TEACHER, SECONDARY SCHOOL	0	438	503	7.89
092.227-010	TEACHER, ELEMENTARY SCHOOL	0	542	2846	6.35
092.227-014	TEACHER, KINDERGARTEN	0	0	0	5.93
094.227-018	TEACHER, HANDICAPPED STUDENTS	0	0	0	5.07
097.227-014	INSTRUCTOR, VOCATIONAL TRAINING	0	0	0	8.70
099.117-018	PRINCIPAL	0	0	0	10.56
099.327-010	TEACHER AIDE 1	0	0	0	4.99
153.227-014	INSTRUCTOR, PHYSICAL	0	0	0	5.33
153.227-018	INSTRUCTOR, SPORTS	0	0	0	7.62
249.367-074	TEACHER AIDE 2	0	332	503	4.63

CLUSTER TITLE: FOOD PRODUCTION

CLUSTER CODE SV06

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
BAKERS, BREAD & PASTRY	65021	518	604	10	22	32
BUTCHERS & MEAT CUTTERS	65023	569	667	11	18	29
COOKS, RESTAURANT	65026	2603	3119	57	113	170
COOKS, INSTITUTION OR CAFETERIA	65028	1317	1590	30	58	88
COOKS, FAST FOOD & SHORT ORDER	65030	2178	2414	26	79	105
FOOD PREPARATION WORKERS	65038	3379	3988	68	20	88
BUTCHERS & MEATCUTTERS	89801	98	94	0	3	3
BAKERS, MANUFACTURING	89805	133	127	-1	4	3
FOOD BATCHMAKERS	89808	4	4	0	1	1
ALL OTHER PRECISION FOOD, TOBACCO	89899	27	26	0	4	4
CANNERY WORKERS	93935	18	17	0	0	0
MEAT, POULTRY, FISH CUTTERS	93938	4	4	0	0	0
***TOTALS		10848	12654	201	322	523

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
FOOD SCIENCES & HUMAN 19.0501				11					11
FOOD PRODUCTION, MGMT 20.0401		84	6						90
BAKING 20.0402					3	4			7
CHEF/COOK 20.0403			16		22	44		8	90
DIETETIC AIDE/ASSISTING 20.0404					2			1	3
SCHOOL FOOD SERVICE 20.0408					14			11	25
MEATCUTTING 48.0402								1	1
SLAUGHTERING & BUTCHE 48.0403					1				1
***TOTALS		84	22	11	42	48		21	228

**ANALYSIS INFORMATION**

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
222.684-010	MEAT CLERK	0	0	0	8.52
313.131-014	CHEF	0	45	11	5.67
313.361-014	COOK	0	1241	836	4.58
313.361-022	COOK, SHORT ORDER 1	0	596	356	4.43
313.361-026	COOK, SPECIALTY	0	95	12	N.A.
313.361-030	COOK, SPECIALTY, FOREIGN FOOD	0	20	10	N.A.
313.381-010	BAKER	0	18	9	6.61
313.684-010	BAKER HELPER	0	3	1	N.A.
315.361-010	COOK	0	323	178	5.69
316.684-010	BUTCHER, CHICKEN AND FISH	0	1	1	N.A.
316.684-018	MEAT CUTTER	1	162	41	8.37
317.684-014	PANTRY GOODS MAKER	0	57	48	N.A.
317.687-010	COOK HELPER	0	204	70	4.17
318.687-010	KITCHEN HELPER	0	1415	1237	3.82
355.677-010	FOOD-SERVICE WORKER, HOSPITAL	0	135	151	4.64
525.684-010	BONER, MEAT	0	0	0	5.73
525.684-030	FISH CLEANER	0	18	152	N.A.
525.687-082	POULTRY-DRESSING WORKER	0	3	0	N.A.
526.381-010	BAKER	4	108	50	7.90
526.381-026	COOK, KETTLE	0	0	0	5.92
526.684-010	DOUGHNUT MAKER	0	9	22	N.A.
526.686-010	BAKER HELPER	0	55	33	N.A.
529.387-030	QUALITY-CONTROL TECHNICIAN	0	0	0	6.85
529.686-014	CANNERY WORKER	0	18	39	N.A.
529.687-074	EGG CANDLER	0	5	0	N.A.
929.686-010	BAKERY WORKER	0	22	3	N.A.

CLUSTER TITLE: FOOD SERVICE

CLUSTER CODE SV07

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
ALL OTHER SERVICE SUPERVISORS	61099	726	839	13	25	38
HOSTS & HOSTesses: REST., LOUNGE	65002	522	615	10	18	28
BARTENDERS	65005	2931	3358	47	104	151
WAITERS & WAITRESSES	65008	6699	7743	116	97	213
FOOD SERVERS, OUTSIDE	65011	131	160	3	0	3
DINING ROOM & BARTENDER HELPERS	65014	1051	1211	18	11	29
COUNTER ATTENDANTS	65017	841	952	12	2	14
COMB. FOOD PREPARATION, SERVICE	65041	3702	4111	45	52	97
ALL OTHER FOOD SERVICE WORKERS	65099	817	950	15	29	44
ALL OTHER SERVICE WORKERS	69999	658	749	10	57	67
***TOTALS		18078	20688	289	395	684

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
WAITER/WAITRESS & RELA	08.0905					2			2
FOOD SERVICE	20.0406				28	5		11	44
***TOTALS					28	7		11	46

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	Avg. HRWAGE
211.462-010 CASHIER 2		0	1410	713	N.A.
222.387-058 STOCK CLERK		0	427	236	5.99
311.477-014 COUNTER ATTENDANT, LUNCHROOM OR COFFEE		0	549	725	3.47
311.477-018 WAITER/WAITRESS, BAR		0	0	0	3.84
311.477-030 WAITER/WAITRESS, INFORMAL		0	1713	882	3.39
311.477-038 WAITER/WAITRESS, TAKE OUT		0	31	24	N.A.
311.677-010 CAFETERIA ATTENDANT		0	36	17	N.A.
311.677-018 DINING ROOM ATTENDANT		0	0	0	3.49
312.474-010 BARTENDER		0	1128	416	5.21
319.474-010 FOUNTAIN SERVER		0	5	0	3.29

**CLUSTER TITLE: MORTUARY SERVICE****CLUSTER CODE SV08****D E M A N D   R E P O R T****[STATEWIDE]**

- OCCUPATION - TITLE	OES CODE	MONTANA DEPARTMENT OF LABOR AND INDUSTRY			EST. ANNUAL 1986-1995		
		1986 EMPLOY	1995 EMPLOY	GROWTH	REPLAC	OPEN	
FUNERAL DIRECTORS & MORTICIANS	39011	102	118	2	5	7	
EMBALMERS	39014	21	24	0	0	0	
FUNERAL ATTENDANTS	68041	34	39	1	3	4	
	***TOTALS	157	181	3	8	11	

**NO SUPPLY REPORT****A N A L Y S I S   I N F O R M A T I O N****[STATEWIDE]**

		MONTANA DEPARTMENT OF LABOR AND INDUSTRY		
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN
187.167-030	DIRECTOR, FUNERAL	0	3	0

**CLUSTER TITLE: THEOLOGICAL SERVICE****CLUSTER CODE SV09****D E M A N D R E P O R T**

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
CLERGY	27502	35	39	0	3	3
DIRECTORS, RELIGIOUS ACTIV./EDUC.	27505	2	2	0	0	0
ALL OTHER RELIGIOUS WORKERS	27599	4	3	0	0	0
***TOTALS		41	44	0	3	3

**S U P P L Y R E P O R T**

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
RELIGION	38.0201			4					4
BIBLE STUDIES	39.0201			4					4
RELIGIOUS EDUCATION	39.0401			2					2
THEOLOGICAL STUDIES	39.0601			3	1				4
***TOTALS				13	1				14

**NO ANALYSIS REPORT**

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
SOCIAL SERVICE TECHNICIANS	27308	209	226	2	6	8
SOCIAL WORKERS	27310	1167	1302	15	43	58
WELFARE ELIGIBILITY WORKERS	53502	269	286	2	7	9
SOCIAL WELFARE SERVICE AIDES	68034	191	217	3	7	10
***TOTALS		1836	2031	22	63	85

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
INSTITUTIONAL MANAGEM	06.0799			8			2		10
MENTAL HEALTH/HUMAN S	17.0405			3	2			1	6
REHABILITATION COUNSEL	17.0407			16					16
COMPANION TO THE AGED	20.0602				2			3	5
SOCIAL WORK, GENERAL	44.0701			45	3			1	49
MEDICAL SOCIAL WORK	44.0702				1			3	4
SOCIAL WORK, OTHER	44.0799			9					9
***TOTALS				81	8		2	8	99

## ANALYSIS INFORMATION

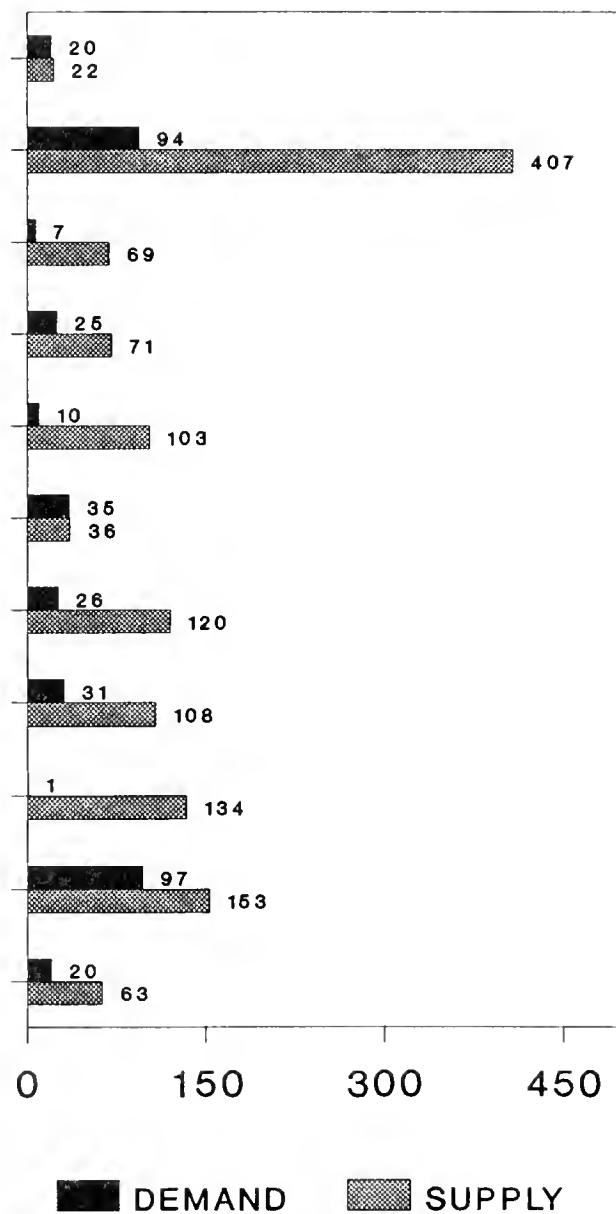
[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
054.067-014	SOCIOLOGIST	0	3	0	N.A.
187.117-046	PROGRAM DIRECTOR, GROUP WORK	0	0	0	9.37
187.167-186	RESIDENCE SUPERVISOR	0	21	16	8.89
195.107-010	CASEWORKER	0	43	35	7.95
195.107-022	SOCIAL GROUP WORKER	0	30	7	N.A.
195.107-030	SOCIAL WORKER, MEDICAL	0	0	0	7.12
195.117-010	ADMINISTRATOR, SOCIAL WELFARE	0	0	0	11.67
195.137-010	CASEWORK SUPERVISOR	0	0	0	7.10
195.164-010	GROUP WORKER	0	0	0	5.34
195.227-010	PROGRAM AIDE, GROUP WORK	0	0	0	4.89
195.367-010	CASE AIDE	0	0	0	5.64
309.354-010	HOMEMAKER	0	0	0	4.17
309.677-010	COMPANION	0	102	144	N.A.

# TECHNOLOGY CLUSTERS

## DEMAND VS. SUPPLY

ESTIMATED ANNUAL OPENINGS VS. TRAINING COMPLETERS

TC01 POWER STATION OPERATOR  
TC02 ARCHITECTURAL & CIVIL TECHNOLOGY  
TC03 CHEMICAL TECHNOLOGY  
TC04 ENVIRONMENTAL CONTROL TECHNOLOGY  
TC05 MECHANICAL TECHNOLOGY  
TC06 PRECISION INSTRUMENT TECHNOLOGY  
TC07 MATH TECHNOLOGY  
TC08 AVIATION  
TC09 INDUSTRIAL ENGINEERING  
TC10 NATURAL RESOURCES TECHNOLOGY  
TC11 ENGINEERING



## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
NUCLEAR ENGINEERS	22117	3	4	0	0	0
FURNACE OPERATORS & TENDERS	91935	25	19	-1	0	-1
LOW PRESSURE BOILER OPERATOR	92926	124	139	2	5	7
POWER GENERATING PLANT OPERATOR	95021	104	114	1	1	2
AUXILIARY EQUIP. OPER., POWER	95023	85	89	0	1	1
POWER DISTRIBUTORS & DISPATCHERS	95028	69	74	1	1	2
STATIONARY ENGINEERS	95032	114	118	0	4	4
ALL OTHER PLANT & SYSTEM OCC.	95099	93	108	2	3	5
***TOTALS		617	665	5	15	20

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
ENERGY, POWER, & TRANS	21.0105		21						21
HEATING & AIR CONDITION	47.0203					1			1
***TOTALS		21				1			22

## ANALYSIS INFORMATION

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
631.261-014	POWERHOUSE MECHANIC	7	0	0	N.A.
950.382-010	BOILER OPERATOR	5	0	0	N.A.
952.382-018	POWER-PLANT OPERATOR	0	8	0	N.A.

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
CIVIL ENGINEERS, INCL. TRAFFIC	22121	726	828	11	20	31
ARCHITECTS, EXC. LAND. & MARINE	22302	193	243	6	9	15
LANDSCAPE ARCHITECTS	22308	19	22	0	1	1
SURVEYING & MAPPING SCIENTISTS	22311	149	177	3	4	7
CIVIL ENGINEERING TECHNICIANS	22502	409	456	5	8	13
DRAFTERS	22514	459	531	8	3	11
SURVEYING & MAPPING TECHNICIAN	22521	334	389	6	10	16
URBAN & REGIONAL PLANNERS	27105	97	100	0	0	0
TRAFFIC TECHNICIANS	39005	5	5	0	0	0
***TOTALS		2391	2751	39	55	94

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
ARCHITECTURE	04.0201			38					38
CITY, COMMUNITY, & REG	04.0301			4					4
CIVIL ENGINEERING	14.0801			66	1				67
ARCHITECTURAL DESIGN	15.0101			7					7
CIVIL TECHNOLOGY	15.0201		3						3
DRAFTING & DESIGN TECH	15.0202			16					16
SURVEYING & MAPPING TE	15.0203			9	2			1	12
DRAFTING & DESIGN	21.0103	186							186
GEOGRAPHY	45.0701			9					9
DRAFTING, GENERAL	48.0101	44	12		1				57
ARCHITECTURAL DRAFTIN	48.0102				1				1
DRAFTING, OTHER	48.0199		6						6
***TOTALS		230	21	149	5			2	407

**ANALYSIS INFORMATION**

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
001.061-010	ARCHITECT	0	0	0	14.71
001.261-010	DRAFTER, ARCHITECTURAL	0	38	18	9.12
005.061-014	CIVIL ENGINEER	0	51	24	15.39
005.061-034	STRUCTURAL ENGINEER	0	0	0	13.33
005.281-010	DRAFTER, CIVIL	0	20	7	9.33
005.281-014	DRAFTER, STRUCTURAL	0	5	2	N.A.
018.167-010	CHIEF OF PARTY	0	14	4	N.A.
018.167-018	LAND SURVEYOR	0	0	0	9.59
018.167-034	SURVEYOR ASSISTANT, INSTRUMENTS	0	0	0	10.05
182.267-010	CONSTRUCTION INSPECTOR	0	8	4	N.A.
869.567-010	SURVEYOR HELPER	0	0	0	4.29

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION -	OES	1986	1995	EST. ANNUAL	1986-1995	
TITLE	CODE	EMPLOY	EMPLOY	GROWTH	REPLAC	
CHEMICAL ENGINEERS	22114	52	54	0	1	1
CHEMISTS, EXCEPT BIOCHEMISTS	24105	97	104	1	1	2
CHEMICAL TECHNICIANS, EXC. HEALTH	24505	103	105	0	3	3
CHEMICAL EQUIP. CONTROLLER/OPER.	92935	79	72	-1	1	0
CHEMICAL EQUIPMENT TENDER	92938	20	24	0	0	0
CHEMICAL PLANT & SYSTEM OPER.	95008	50	50	0	1	1
***TOTALS		401	409	0	7	7

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM -	CIP	PUBLIC	VOC	HIGHER	JOB	PRIV.	VOC	TOTAL	
TITLE	CODE	SECOND	TECH	EDUC	JTPA	CORPS	SCHOOL	REHAB	*****
CHEMICAL ENGINEERING	14.0701			32					32
EPIDEMIOLOGY	18.2202							1	1
CHEMISTRY, GENERAL	40.0501			36					36
***TOTALS				68				1	69

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
008.261-010	CHEMICAL-ENGINEERING TECHNICIAN	0	1	0	N.A.
022.061-010	CHEMIST	0	23	1	12.40
022.261-010	CHEMICAL-LABORATORY TECHNICIAN	0	9	0	N.A.
029.261-010	LABORATORY TESTER	0	20	7	10.43
559.382-046	PILOT-CONTROL OPERATOR	0	7	6	N.A.

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
SAFETY ENGINEERS, EXCEPT MINING	22132	39	45	1	1	2
METEOROLOGISTS	24108	22	23	0	0	0
WATER & WASTE TREAT. PLANT OPER.	95002	355	398	5	1	6
REFUSE COLLECTORS	98705	357	402	5	12	17
***TOTALS		773	868	11	14	25

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
RENEWABLE NATURAL RES 03.0101				5					5
RENEWABLE NATURAL RES 03.9999				18					18
ENVIRONMENTAL HEALTH 14.1401				16					16
URBAN PLANNING TECHNO 15.0204					1				1
WATER & WASTEWATER TE 15.0506				3					3
ENVIRONMENTAL CONTROL 15.0599				10	2				12
OCCUPATIONAL SAFETY & 15.0701				9	1			1	11
PUBLIC HEALTH PRACTICE 18.2204								1	1
FIRE CONTROL & SAFETY 43.0201				1	1				2
PUMPING PLANTS 47.0504					2				2
***TOTALS				62	7			2	71

## ANALYSIS INFORMATION

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
005.061-030	SANITARY ENGINEER	0	0	0	14.81
012.167-058	SAFETY MANAGER	0	0	0	15.13
551.485-010	WATER-TREATMENT-PLANT OPERATOR	0	2	0	N.A.
929.687-022	LABORER, SALVAGE	0	20	18	N.A.
954.362-010	DITCH RIDER	0	0	0	7.75
954.382-014	WATER-TREATMENT-PLANT OPERATOR	0	22	5	N.A.
954.382-018	WATERSHED TENDER	0	0	0	7.70

CLUSTER TITLE: MECHANICAL TECHNOLOGY

CLUSTER CODE TC05

## DEMAND REPORT

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
MECHANICAL ENGINEERS	22135	168	208	4	5	9
MECHANICAL ENGINEERING TECHN.	22511	13	19	1	0	1
***TOTALS		181	227	5	5	10

## SUPPLY REPORT

[STATEWIDE]	SCHOOL YEAR 1988-89								
- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
MECHANICAL ENGINEERIN	14.1901			93					93
MECHANICAL DESIGN TEC	15.0805			6				2	8
MECHANICAL DRAFTING	48.0105				1			1	2
***TOTALS				99	1			3	103

## ANALYSIS INFORMATION

[STATEWIDE]	MONTANA DEPARTMENT OF LABOR AND INDUSTRY				
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
007.061-014	MECHANICAL ENGINEER	0	21	3	16.67
007.161-026	MECHANICAL-ENGINEERING TECHNICIAN	0	29	2	10.16

## CLUSTER TITLE: PRECISION INSTRUMENT TECHNOLOGY

CLUSTER CODE TC06

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
PRECISION INSPEC.,TESTERS,&GRADE	83002	72	76	0	2	2
PRECISION INSTRUMENT REPAIRERS	85905	87	94	1	13	14
WATCHMAKERS	85917	12	13	0	2	2
MUSICAL INSTRUMENT REPAIR & TUNE	85921	31	41	1	5	6
LOCKSMITHS & SAFE REPAIRERS	85923	1	1	0	0	0
JEWELERS & SILVERSMITHS	89123	107	125	2	5	7
PRECISION HAND WORKERS, JEWELRY	89126	3	4	0	0	0
PRECISION ETCHERS & ENGRAVERS	89128	7	8	0	1	1
OPTICAL GOODS WORKERS	89917	18	21	0	1	1
ALL OTHER PRECISION WORKERS	89999	104	112	1	1	2
CUTTING & SLICING SETTER/OPER.	92941	5	5	0	0	0
***TOTALS		447	500	5	30	35

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
DENTAL LABORATORY TEC	17.0103				3				3
LOCKSMITHING & SAFE RE	47.0403				1			1	2
WATCH REPAIR	47.0408		5		2				7
MECHANICS & REPAIRERS	47.9999			19					19
JEWELRY DESIGN, FABRIC	48.0602							1	1
PRECISION PRODUCTION,	48.9999	2			2				4
***TOTALS		2	24		8			2	36

## ANALYSIS INFORMATION

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	Avg. HRWAGE
700.281-010	JEWELER	1	0	0	7.31
712.381-018	DENTAL-LABORATORY TECHNICIAN	0	13	1	8.49
712.664-010	DENTAL CERAMIST ASSISTANT	0	2	0	N.A.
712.681-018	FINISHER, DENTURE	0	1	0	N.A.
715.281-010	WATCH REPAIRER	1	1	0	N.A.
716.382-018	PRECISION-LENS GRINDER	0	6	1	N.A.
716.682-010	EYEGLASS-LENS CUTTER	0	1	0	N.A.

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
ENGINEER., MATH., NAT. SCI. MGR.	13017	186	202	2	7	9
PHYSICISTS & ASTRONOMERS	24102	3	3	0	0	0
ALL OTHER PHYSICAL SCIENTISTS	24199	105	120	2	14	16
STATISTICIANS	25312	12	13	0	1	1
ALL OTHER MATHEMATICAL SCIENTIST	25319	25	28	0	0	0
MATHEMATICAL TECHNICIANS	25323	1	1	0	0	0
***TOTALS		332	367	4	22	26

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
MATHEMATICS, GENERAL	27.0101			84					84
PURE MATHEMATICS	27.0401			2					2
STATISTICS	27.0501			5					5
PHYSICS, GENERAL	40.0801			29					29
***TOTALS				120					120

NO ANALYSIS REPORT

## DEMAND REPORT

[STATEWIDE]		MONTANA DEPARTMENT OF LABOR AND INDUSTRY					
- OCCUPATION -		OES	1986	1995	EST. ANNUAL 1986-1995		
TITLE		CODE	EMPLOY	EMPLOY	GROWTH	REPLAC	OPEN
AIR TRAFFIC CONTROLLERS		39002	138	149	1	3	4
AIRCRAFT MECHANICS		85323	166	218	6	7	13
AIRCRAFT ENGINE SPECIALISTS		85326	28	32	0	0	0
AIRCRAFT PILOTS,FLIGHT ENGINEERS		97702	176	266	10	4	14
***TOTALS			508	665	17	14	31

## SUPPLY REPORT

[STATEWIDE]		SCHOOL YEAR 1988-89								
- PROGRAM -		CIP	PUBLIC	VOC	HIGHER	JOB	PRIV.	VOC	TOTAL	
TITLE		CODE	SECOND	TECH	EDUC	JTPA	CORPS	SCHOOL	REHAB	*****
AIRCRAFT MECHANICS, AIR	47.0607			42		4			46	
AIRCRAFT MECHANICS, PO	47.0608			20		1		2	23	
AIRPLANE PILOTING & NAV	49.0102							9	9	
AIRPLANE PILOTING (PRIVA	49.0107							30	30	
***TOTALS				62		5		39	2	108

## ANALYSIS INFORMATION

[STATEWIDE]		MONTANA DEPARTMENT OF LABOR AND INDUSTRY			
D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
193.162-018	AIR-TRAFFIC-CONTROL SPECIALIST, TOWER	0	5	0	N.A.
196.263-014	AIRPLANE PILOT, COMMERCIAL	0	0	0	12.41
352.367-010	AIRPLANE-FLIGHT ATTENDANT	0	4	0	N.A.
621.261-018	FLIGHT ENGINEER	0	1	0	N.A.
621.281-014	AIRFRAME-AND-POWER-PLANT MECHANIC	0	75	5	N.A.
621.381-014	MECHANIC, AIRCRAFT ACCESSORIES	0	7	0	N.A.
806.381-010	AIRCRAFT MECHANIC, ARMAMENT	0	3	0	N.A.
806.381-018	AIRCRAFT MECHANIC, RIGGING AND CONTROL	0	1	0	N.A.
806.381-022	ASSEMBLER, AIRCRAFT POWER PLANT	0	1	0	N.A.
823.281-010	AVIONICS TECHNICIAN	2	0	0	N.A.
862.381-010	AIRCRAFT MECHANIC, PLUMBING AND HYDRAU	0	8	1	N.A.
912.367-014	TRANSPORTATION AGENT	0	4	0	N.A.

## DEMAND REPORT

[STATEWIDE]

- OCCUPATION - TITLE	OES	1986	1995	EST. ANNUAL 1986-1995		
	CODE	EMPLOY	EMPLOY	GROWTH	REPLAC	OPEN
INDUSTRIAL ENGINEERS, EXC. SAFETY	22128	28	34	1	0	1
INDUSTRIAL ENGINEERING TECHN.	22508	3	3	0	0	0
***TOTALS		31	37	1	0	1

## SUPPLY REPORT

[STATEWIDE]

- PROGRAM - TITLE	CIP	PUBLIC	VOC	HIGHER	JOB	PRIV.	VOC	TOTAL	*****
	CODE	SECOND	TECH	EDUC	JTPA	CORPS	SCHOOL	REHAB	
INDUSTRIAL ENGINEERING	14.1701			23					23
INDUSTRIAL PRODUCTION	15.0699			7					7
INDUSTRIAL ARTS, GENER	21.0101		31						31
INDUSTRIAL ARTS, OTHER	21.0199		73						73
***TOTALS		104		30					134

## ANALYSIS INFORMATION

[STATEWIDE]

D.O.T. CODE	D.O.T. TITLE	MONTANA DEPARTMENT OF LABOR AND INDUSTRY			
		APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
012.167-030	INDUSTRIAL ENGINEER	0	0	0	13.11
012.267-010	INDUSTRIAL ENGINEERING TECHNICIAN	0	1	0	N.A.
142.061-026	INDUSTRIAL DESIGNER	0	0	0	11.89
199.361-010	RADIOGRAPHER	0	18	3	N.A.

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	REPLAC	1986-1995 OPEN
METALLURGISTS & REL. ENGINEERS	22105	23	24	0	0	0
MINING ENGINEERS, INC. SAFETY	22108	111	137	3	1	4
PETROLEUM ENGINEERS	22111	29	33	0	0	0
GEOLOGIST, GEOPHYSICIST, OCEANOGR.	24111	341	409	8	6	14
PETROLEUM TECHNICIANS & TECHNOL.	24511	16	18	0	0	0
ALL OTHER SCIENCE TECHNICIANS	24599	254	303	5	3	8
MACHINERY MECH.:UNDERGROUND MINE	85117	2	2	0	0	0
EARTH DRILLERS, EX. OIL & GAS	87902	183	206	3	7	10
BLASTERS & EXPLOSIVES WORKERS	87905	111	122	1	4	5
ROTARY DRILL OPERATORS	87911	130	133	0	1	1
DERRICK OPERATORS, OIL & GAS	87914	68	69	0	0	0
SERVICE UNIT OPERATORS	87917	232	236	0	5	5
ROUSTABOUTS	87921	445	429	-2	10	8
ROOF BOLTERS	87923	33	34	0	1	1
MINE CUTTING MACHINE OPERATORS	87943	139	144	1	1	2
ALL OTHER MINING MACH. OPERATORS	87949	24	27	0	0	0
ALL OTHER EXTRACTIVE OCC.,EX.HEL	87989	46	47	0	2	2
ALL OTHER CONSTR. & EXTRACTIVE	87999	93	112	2	2	4
GAS PLANT OPERATORS	95005	84	93	1	3	4
PETROLEUM PUMP SYSTEM OPERATORS	95011	10	8	0	0	0
PETROLEUM REFINERY OPERATORS	95014	65	51	-2	2	0
GAUGERS	95017	8	7	0	0	0
OIL PUMPERS, EXCEPT WELL HEAD	97908	52	52	0	1	1
WELL HEAD PUMPERS	97911	118	119	0	3	3
MAIN LINE STATION ENGINEERS	97914	13	12	0	0	0
GAS PUMPING STATION OPERATORS	97917	9	10	0	0	0
GAS COMPRESSOR OPERATORS	97921	26	29	0	1	1
EXCAVATION LOADING MACHINE OPER.	97923	274	326	6	13	19
DRAGLINE OPERATORS	97926	39	50	1	2	3
UNDERGROUND LOADING MACH. OPER.	97932	13	13	0	1	1
PUMP OPERATORS	97953	78	70	-1	2	1
HELPERS, EXTRACTIVE WORKERS	98323	25	29	0	0	0
<b>***TOTALS</b>		<b>3094</b>	<b>3354</b>	<b>26</b>	<b>71</b>	<b>97</b>

### S U P P L Y R E P O R T

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
GEOLOGICAL ENGINEERIN	14.1501			10					10
GEOPHYSICAL ENGINEERI	14.1601			11					11
METALLURGICAL ENGINEEE	14.2001			5					5
MINING & MINERAL ENGINE	14.2101			18	2				20
PETROLEUM ENGINEERING	14.2501			46					46
PETROLEUM TECHNOLOGY	15.0903				1			3	4
GEOLOGY	40.0601			31					31
GEOCHEMISTRY	40.0602			4					4
EARTH SCIENCE	40.0703			11					11
OIL & GAS DRILLING EQUIP	47.0305				1				1
MINING EQUIPMENT OPER	49.0204				9			1	10
<b>***TOTALS</b>				136	13			4	153

### A N A L Y S I S I N F O R M A T I O N

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

D.O.T. CODE	D.O.T. TITLE	APPREN	J.S. APPS	J.S. OPEN	AVG. HRWAGE
010.281-014	DRAFTER, GEOLOGICAL	0	0	0	9.41
011.061-010	FOUNDRY METALLURGIST	0	0	0	16.34
011.261-010	METALLURGICAL TECHNICIAN	0	4	0	N.A.
024.061-018	GEOLOGIST	0	0	0	15.34
024.061-022	GEOLOGIST, PETROLEUM	0	0	0	29.00
181.167-014	SUPERINTENDENT, DRILLING AND PRODUCTIO	0	0	0	17.59
549.260-010	REFINERY OPERATOR	0	24	18	N.A.
629.381-014	OIL-FIELD EQUIPMENT MECHANIC	0	0	0	8.81
850.683-010	BULLDOZER OPERATOR 1	0	41	8	15.44
850.683-030	POWER-SHOVEL OPERATOR	0	0	0	14.39
859.683-010	OPERATING ENGINEER	5	1321	58	14.52
869.684-046	ROUSTABOUT	0	0	0	7.88
914.382-014	PUMPER-GAGER	2	0	0	N.A.
914.384-010	GAGER	0	0	0	13.08
930.130-010	TOOL PUSHER	0	0	0	10.74
930.382-018	PROSPECTING DRILLER	0	0	0	10.56
930.382-026	ROTARY DRILLER	0	0	0	14.33
930.683-018	DERRICK WORKER, WELL SERVICE	0	0	0	8.96
930.684-014	FLOOR WORKER, WELL SERVICE	0	0	0	8.65
930.684-026	ROTARY-DRILLER HELPER	0	187	44	N.A.
931.261-010	BLASTER	0	0	0	16.34

## DEMAND REPORT

[STATEWIDE]

MONTANA DEPARTMENT OF LABOR AND INDUSTRY

- OCCUPATION - TITLE	OES CODE	1986 EMPLOY	1995 EMPLOY	EST. ANNUAL GROWTH	1986-1995 REPLAC	OPEN
ALL OTHER ENGINEERS	22199	96	116	2	3	5
ALL OTHER ENGINEERING TECHNICIAN	22599	441	495	6	9	15
***TOTALS		537	611	8	12	20

## SUPPLY REPORT

[STATEWIDE]

SCHOOL YEAR 1988-89

- PROGRAM - TITLE	CIP CODE	PUBLIC SECOND	VOC TECH	HIGHER EDUC	JTPA	JOB CORPS	PRIV. SCHOOL	VOC REHAB	TOTAL *****
ENGINEERING, GENERAL	14.0101			36	1			2	39
ENGINEERING MECHANICS	14.1101			2					2
ENGINEERING, OTHER	14.9999			4					4
ENGINEERING & ENG.-REL	15.9999			18					18
***TOTALS				60	1			2	59

NO ANALYSIS REPORT



## INDEX

<b>TITLE</b>	<b>CODE #</b>	<b>PAGE #</b>
ACCOUNTANT . . . . .	160.167-010	58
ACCOUNTANT, COST . . . . .	160.167-018	58
ACCOUNTANTS & AUDITORS . . . . .	21114	58
ACCOUNTING . . . . .	06.0201	58
ACCOUNTING & COMPUTING . . . . .	07.0102	58
ACCOUNTING CLERK . . . . .	216.482-010	58
ACCOUNTING, BOOKKEEPING, & RELATED PROG OTHER . . . . .	07.0199	58
ACCOUNTING, BOOKKEEPING, AND RELATED PROGRAMS . . . . .	07.0101	58
ACTUARIES . . . . .	25313	26
ADJUDICATORS & HEARING OFFICERS . . . . .	28105	64
ADJUSTMENT CLERKS . . . . .	53123	59
ADMINISTRATIVE ASSISTANT . . . . .	169.167-010	65
ADMINISTRATIVE CLERK . . . . .	219.362-010	61
ADMINISTRATIVE SECRETARY . . . . .	169.167-014	65
ADMINISTRATIVE SERVICES MANAGER . . . . .	13014	66
ADMINISTRATOR, HOSPITAL . . . . .	187.117-010	68
ADMINISTRATOR, SOCIAL WELFARE . . . . .	195.117-010	107
ADMITTING OFFICER . . . . .	205.137-010	69
ADVERTISING . . . . .	09.0201	67
ADVERTISING CLERKS . . . . .	53908	21
AGRICULTURE & AGRICULTURAL PRODUCTION, OTHER . . . . .	01.9999	12
AGRICULTURAL & FOOD SCIENTISTS . . . . .	24305	11
AGRICULTURAL BUSINESS . . . . .	01.0102	12
AGRICULTURAL BUSINESS & MANAGEMENT, GENERAL . . . . .	01.0101	12
AGRICULTURAL ECONOMICS . . . . .	01.0103	12
AGRICULTURAL EDUCATION . . . . .	13.1301	100
AGRICULTURAL ENGINEERING . . . . .	14.0301	13
AGRICULTURAL ENGINEERS . . . . .	22123	13
AGRICULTURAL MECHANICS, GENERAL . . . . .	01.0201	13
AGRICULTURAL POWER MACHINERY . . . . .	01.0204	13
AGRICULTURAL PRODUCTION, GENERAL . . . . .	01.0301	11
AGRICULTURAL SERVICES . . . . .	01.0502	11
AGRONOMY . . . . .	02.0402	11
AIR HAMMER OPERATORS . . . . .	87702	95
AIR TRAFFIC CONTROLLERS . . . . .	39002	117
AIR-CONDITIONING MECHANIC . . . . .	620.281-010	84
AIR-TRAFFIC-CONTROL SPECIALIST, TOWER . . . . .	193.162-018	117
AIRCRAFT ENGINE SPECIALISTS . . . . .	85326	117
AIRCRAFT MECHANIC, ARMAMENT . . . . .	806.381-010	117
AIRCRAFT MECHANIC, PLUMBING AND HYDRAULICS . . . . .	862.381-010	117
AIRCRAFT MECHANIC, RIGGING AND CONTROLS . . . . .	806.381-018	117
AIRCRAFT MECHANICS . . . . .	85323	117
AIRCRAFT MECHANICS, AIRFRAME . . . . .	47.0607	117

TITLE	CODE #	PAGE #
AIRCRAFT MECHANICS, POWERPLANT . . . . .	47.0608 . . . . .	117
AIRCRAFT PILOTS,FLIGHT ENGINEERS . . . . .	97702 . . . . .	117
AIRFRAME-AND-POWER-PLANT MECHANIC . . . . .	621.281-014 . . . . .	117
AIRPLANE PILOT, COMMERCIAL . . . . .	196.263-014 . . . . .	117
AIRPLANE PILOTING & NAVIGATION (COMMERCIAL) . . . . .	49.0102 . . . . .	117
AIRPLANE PILOTING (PRIVATE) . . . . .	49.0107 . . . . .	117
AIRPLANE-FLIGHT ATTENDANT . . . . .	352.367-010 . . . . .	117
ALCOHOL/DRUG ABUSE SPECIALTY . . . . .	17.0401 . . . . .	37
ALL OTHER AGRIC.,FOREST,FISH. . . . .	79999 . . . . .	11
ALL OTHER ASSEMBLERS, FABRICATOR . . . . .	93956 . . . . .	52
ALL OTHER CLEAN,BUILDING SERVICE . . . . .	67099 . . . . .	93
ALL OTHER CLERICAL & ADM.SUPPORT . . . . .	59999 . . . . .	59
ALL OTHER COMMUN.EQUIP.MECHANICS . . . . .	85599 . . . . .	88
ALL OTHER COMMUNICATION OPERATOR . . . . .	57199 . . . . .	62
ALL OTHER CONSTR. & EXTRACTIVE . . . . .	87999 . . . . .	119
ALL OTHER CONSTRUCTION WORKERS . . . . .	87899 . . . . .	80
ALL OTHER ELECTRIC.,ELECTRO.MECH . . . . .	85799 . . . . .	76
ALL OTHER ENGINEERING TECHNICIAN . . . . .	22599 . . . . .	121
ALL OTHER ENGINEERS . . . . .	22199 . . . . .	121
ALL OTHER EXTRACTIVE OCC.,EX.HEL . . . . .	87989 . . . . .	119
ALL OTHER FINANCIAL SPECIALISTS . . . . .	21199 . . . . .	26
ALL OTHER FIRST LINE SUPERVISORS . . . . .	81099 . . . . .	66
ALL OTHER FOOD SERVICE WORKERS . . . . .	65099 . . . . .	104
ALL OTHER HAND MATERIAL MOVERS . . . . .	98799 . . . . .	80
ALL OTHER HAND WORKERS . . . . .	93999 . . . . .	52
ALL OTHER HEALTH PRACTITIONERS . . . . .	32199 . . . . .	37
ALL OTHER HEALTH PROF.,PARA,TECH . . . . .	32999 . . . . .	37
ALL OTHER HEALTH SERVICE WORKERS . . . . .	66099 . . . . .	37
ALL OTHER HELPER, LABORER, MOVER . . . . .	98999 . . . . .	80
ALL OTHER LEGAL ASSISTANTS . . . . .	28399 . . . . .	64
ALL OTHER LIFE SCIENTISTS . . . . .	24399 . . . . .	31
ALL OTHER MACHINE OPERATORS . . . . .	92998 . . . . .	52
ALL OTHER MACHINE SETTERS/OPER. . . . .	92997 . . . . .	52
ALL OTHER MACHINERY MECHANICS . . . . .	85119 . . . . .	82
ALL OTHER MANAGEMENT SUPPORT OCC . . . . .	21999 . . . . .	66
ALL OTHER MANAGERS & ADMINIST. . . . .	19999 . . . . .	66
ALL OTHER MATERIAL WORKERS . . . . .	58099 . . . . .	80
ALL OTHER MATHEMATICAL SCIENTIST . . . . .	25319 . . . . .	116
ALL OTHER MECHANICS, INSTALLERS . . . . .	85999 . . . . .	52
ALL OTHER MET./PLAST. MACH. SET/ . . . . .	92100 . . . . .	85
ALL OTHER MINING MACH. OPERATORS . . . . .	87949 . . . . .	119
ALL OTHER MOTOR VEHICLE OPERATOR . . . . .	97199 . . . . .	95
ALL OTHER OFFICE MACH. OPERATORS . . . . .	56099 . . . . .	59
ALL OTHER PHYS. SCIENCE TEACHERS . . . . .	31209 . . . . .	99

<b>TITLE</b>	<b>CODE #</b>	<b>PAGE #</b>
ALL OTHER PHYSICAL SCIENTISTS . . . . .	24199 . . . . .	116
ALL OTHER PLANT & SYSTEM OCC. . . . .	95099 . . . . .	109
ALL OTHER POST SECONDARY TEACHER . . . . .	31299 . . . . .	99
ALL OTHER PRECISION FOOD, TOBACCO . . . . .	89899 . . . . .	102
ALL OTHER PRECISION METAL WORKER . . . . .	89199 . . . . .	87
ALL OTHER PRECISION PRINTING . . . . .	89799 . . . . .	23
ALL OTHER PRECISION TEXTILE, APPAREL . . . . .	89599 . . . . .	90
ALL OTHER PRECISION WORKERS . . . . .	89999 . . . . .	115
ALL OTHER PRINTING PRESS SET/OP. . . . .	92519 . . . . .	23
ALL OTHER PRINTING, BINDING, RELATED . . . . .	92599 . . . . .	23
ALL OTHER PROF., PARAPROF., TECHN. . . . .	39999 . . . . .	66
ALL OTHER PROTECTIVE SERVICE . . . . .	63099 . . . . .	74
ALL OTHER RAIL VEHICLE OPERATORS . . . . .	97399 . . . . .	95
ALL OTHER RELIGIOUS WORKERS . . . . .	27599 . . . . .	106
ALL OTHER SALES & RELATED OCC. . . . .	49999 . . . . .	49
ALL OTHER SCIENCE TECHNICIANS . . . . .	24599 . . . . .	119
ALL OTHER SERVICE SALES OCC. . . . .	43099 . . . . .	49
ALL OTHER SERVICE SUPERVISORS . . . . .	61099 . . . . .	104
ALL OTHER SERVICE WORKERS . . . . .	69999 . . . . .	104
ALL OTHER SOCIAL SCIENTISTS . . . . .	27199 . . . . .	46
ALL OTHER TEACHERS, INSTRUCTORS . . . . .	31399 . . . . .	99
ALL OTHER THERAPISTS . . . . .	32399 . . . . .	36
ALL OTHER TIMBER CUTTING WORKERS . . . . .	73099 . . . . .	15
ALL OTHER TRANSP., MAT. MOVING OPR . . . . .	97989 . . . . .	95
ALL OTHER TRANSPORTATION WORKERS . . . . .	97899 . . . . .	95
ALLIED HEALTH, OTHER . . . . .	17.9999 . . . . .	37
ALTERATION TAILOR . . . . .	785.261-010 . . . . .	91
AMBULANCE DRIVER . . . . .	913.683-010 . . . . .	96
AMBULANCE DRIVERS & ATTENDANTS . . . . .	66023 . . . . .	95
AMERICAN INDIAN STUDIES . . . . .	05.0202 . . . . .	43
AMERICAN STUDIES . . . . .	05.0102 . . . . .	43
AMUSEMENT & RECREATION ATTENDANT . . . . .	68014 . . . . .	55
ANIMAL CARETAKERS, EXCEPT FARM . . . . .	79017 . . . . .	18
ANIMAL PRODUCTION . . . . .	01.0302 . . . . .	11
ANIMAL SCIENCES, GENERAL . . . . .	02.0201 . . . . .	11
ANIMAL TRAINING . . . . .	01.0505 . . . . .	11
ANNOUNCER . . . . .	159.147-010 . . . . .	56
ANNOUNCERS, RADIO & TV . . . . .	34017 . . . . .	20
ANTHROPOLOGY . . . . .	45.0201 . . . . .	43
APPLIANCE ASSEMBLER, LINE . . . . .	827.684-010 . . . . .	54
APPOINTMENT CLERK . . . . .	237.367-010 . . . . .	63
ARCHITECT . . . . .	001.061-010 . . . . .	111
ARCHITECTS, EXC. LAND. & MARINE . . . . .	22302 . . . . .	110
ARCHITECTURAL DESIGN & CONSTRUCTION TECHNOLOG . . . . .	15.0101 . . . . .	110

TITLE	CODE #	PAGE #
ARCHITECTURAL DRAFTING . . . . .	48.0102 . . . . .	110
ARCHITECTURE . . . . .	04.0201 . . . . .	110
ART EDUCATION . . . . .	13.1302 . . . . .	100
ART, DRAMA, & MUSIC TEACHERS . . . . .	31218 . . . . .	99
ARTISTS & RELATED WORKERS . . . . .	34035 . . . . .	22
ASSEMBLER . . . . .	710.681-010 . . . . .	54
ASSEMBLER . . . . .	869.684-010 . . . . .	81
ASSEMBLER 1 . . . . .	723.684-014 . . . . .	77
ASSEMBLER AND WIRER, INDUSTRIAL EQUIPMENT . . . . .	826.361-010 . . . . .	77
ASSEMBLER, AIRCRAFT POWER PLANT . . . . .	806.381-022 . . . . .	117
ASSEMBLER, AUTOMOBILE . . . . .	806.684-010 . . . . .	54
ASSEMBLER, ELECTRICAL ACCESSORIES 1 . . . . .	729.687-010 . . . . .	77
ASSEMBLER, ELECTRICAL ACCESSORIES 2 . . . . .	729.384-010 . . . . .	77
ASSEMBLER, HOSPITAL SUPPLIES . . . . .	712.687-010 . . . . .	54
ASSEMBLER, METAL FURNITURE . . . . .	709.684-014 . . . . .	54
ASSEMBLER, PRODUCTION . . . . .	706.687-010 . . . . .	54
ASSEMBLER, PRODUCTION LINE . . . . .	809.684-010 . . . . .	54
ASSEMBLER, SMALL PRODUCTS . . . . .	739.687-030 . . . . .	54
ASSESSORS . . . . .	21917 . . . . .	26
ATHLETE, COACH, UMPIRE & RELATED . . . . .	34058 . . . . .	55
ATTENDANT, CHILDREN'S INSTITUTION . . . . .	359.677-010 . . . . .	98
ATTENDANT, LODGING FACILITIES . . . . .	329.467-010 . . . . .	56
AUCTIONEERING . . . . .	08.0701 . . . . .	50
AUDIO-VISUAL SPECIALISTS . . . . .	31508 . . . . .	44
AUDIT CLERK . . . . .	210.382-010 . . . . .	58
AUDITOR . . . . .	160.162-014 . . . . .	58
AUDITOR, INTERNAL . . . . .	160.167-034 . . . . .	58
AUTOMATED EQUIPMENT ENGINEER-TECHNICIAN . . . . .	638.261-010 . . . . .	54
AUTOMOBILE MECHANIC . . . . .	620.261-010 . . . . .	84
AUTOMOBILE-ACCESSORIES INSTALLER . . . . .	806.684-038 . . . . .	84
AUTOMOBILE-BODY REPAIRER . . . . .	807.381-010 . . . . .	84
AUTOMOBILE-MECHANIC HELPER . . . . .	620.684-014 . . . . .	84
AUTOMOBILE-RADIATOR MECHANIC . . . . .	620.381-010 . . . . .	84
AUTOMOBILE-SERVICE-STATION ATTENDANT . . . . .	915.467-010 . . . . .	51
AUTOMOTIVE BODY REPAIR . . . . .	47.0603 . . . . .	83
AUTOMOTIVE BODY,RELATED REPAIRER . . . . .	85305 . . . . .	83
AUTOMOTIVE MECHANICS . . . . .	85302 . . . . .	83
AUTOMOTIVE MECHANICS . . . . .	47.0604 . . . . .	83
AUTOMOTIVE TECHNOLOGY . . . . .	15.0803 . . . . .	83
AUTOMOTIVE VEHICLES & ACCESSORIES MARKETING . . . . .	08.1203 . . . . .	50
AUXILIARY EQUIP. OPER., POWER . . . . .	95023 . . . . .	109
AVIONICS TECHNICIAN . . . . .	823.281-010 . . . . .	117
BACK TENDER, PAPER MACHINE . . . . .	534.662-010 . . . . .	54
BAGGAGE PORTERS & BELLHOPS . . . . .	68023 . . . . .	55

TITLE	CODE #	PAGE #
BAGGER . . . . .	920.687-014	51
BAGGER . . . . .	920.687-018	91
BAILIFFS . . . . .	63023 . . . . .	74
BAKER . . . . .	313.381-010	103
BAKER . . . . .	526.381-010	103
BAKER HELPER . . . . .	313.684-010	103
BAKER HELPER . . . . .	526.686-010	103
BAKERS, BREAD & PASTRY . . . . .	65021 . . . . .	102
BAKERS, MANUFACTURING . . . . .	89805 . . . . .	102
BAKERY WORKER . . . . .	929.686-010	103
BAKING . . . . .	20.0402 . . . . .	102
BANKING & FINANCE . . . . .	06.0301 . . . . .	26
BARBER . . . . .	330.371-010	97
BARBERING/HAIRSTYLING . . . . .	12.0402 . . . . .	97
BARBERS . . . . .	68002 . . . . .	97
BARKER OPERATOR . . . . .	663.682-010	16
BARTENDER . . . . .	312.474-010	104
BARTENDERS . . . . .	65005 . . . . .	104
BELLHOP . . . . .	324.677-010	56
BENCH CARPENTER . . . . .	760.684-010	81
BIBLE STUDIES . . . . .	39.0201 . . . . .	106
BICYCLE REPAIRER . . . . .	639.681-010	84
BICYCLE REPAIRERS . . . . .	85951 . . . . .	83
BILL & ACCOUNT COLLECTORS . . . . .	53508 . . . . .	26
BILL., POST, CALCULATING MACH.OP . . . . .	56002 . . . . .	59
BILLING TYPIST . . . . .	214.382-014	61
BILLING, COST & RATE CLERKS . . . . .	55344 . . . . .	59
BILLING-MACHINE OPERATOR . . . . .	214.482-010	61
BINDERY MACHINE OPERATORS . . . . .	92546 . . . . .	23
BINDERY MACHINE SETTER/OPERATOR . . . . .	92525 . . . . .	23
BINDERY WORKER . . . . .	653.685-010	24
BIOCHEMISTRY & BIOPHYSICS . . . . .	26.0201 . . . . .	31
BIOLOGICAL SCIENTISTS . . . . .	24308 . . . . .	31
BIOLOGICAL, AGRIC., FOOD TECHN. . . . .	24502 . . . . .	11
BIOLOGIST . . . . .	041.061-030	31
BIOLOGY, GENERAL . . . . .	26.0101 . . . . .	31
BLASTER . . . . .	931.261-010	120
BLASTERS & EXPLOSIVES WORKERS . . . . .	87905 . . . . .	119
BOILER OPERATOR . . . . .	950.382-010	109
BOILERMAKER 1 . . . . .	805.261-014	87
BOILERMAKERS . . . . .	89135 . . . . .	87
BONER, MEAT . . . . .	525.684-010	103
BOOKBINDERS . . . . .	89711 . . . . .	23
BOOKKEEPER 1 . . . . .	210.382-014	58

TITLE	CODE #	PAGE #
BOOKKEEPER 2 . . . . .	210.382-018 . . . . .	58
BOOKKEEPING . . . . .	07.0103 . . . . .	58
BOOKKEEPING & ACCOUNTING CLERKS . . . . .	55338 . . . . .	58
BOOKKEEPING-MACHINE OPERATOR 1 . . . . .	210.382-022 . . . . .	58
BORING-MACHINE OPERATOR . . . . .	606.682-010 . . . . .	86
BOTANY, GENERAL . . . . .	26.0301 . . . . .	14
BRICK MASONS . . . . .	87302 . . . . .	80
BRICKLAYER . . . . .	861.381-018 . . . . .	81
BRICKMASONRY, BLOCK, & STONEMASONRY . . . . .	46.0102 . . . . .	81
BRIDGE, LOCK, LIGHTHOUSE TENDERS . . . . .	97802 . . . . .	95
BRIDGE-OR-GANTRY-CRANE OPERATOR . . . . .	921.663-010 . . . . .	96
BROADCAST NEWS ANALYSTS . . . . .	34014 . . . . .	20
BROADCAST TECHNICIANS . . . . .	34028 . . . . .	20
BROKERAGE CLERKS . . . . .	53128 . . . . .	59
BROKERS, REAL ESTATE . . . . .	43005 . . . . .	28
BUCKER . . . . .	454.684-010 . . . . .	16
BUDGET ANALYSTS . . . . .	21117 . . . . .	66
BUILDING & PROPERTY MAINTENANCE . . . . .	46.0401 . . . . .	93
BUILDING MATERIALS MARKETING . . . . .	08.0803 . . . . .	50
BULLDOZER OPERATOR 1 . . . . .	850.683-010 . . . . .	120
BURLER . . . . .	689.684-010 . . . . .	91
BUS DRIVER . . . . .	913.463-010 . . . . .	96
BUS DRIVERS . . . . .	97108 . . . . .	95
BUS DRIVERS, SCHOOL . . . . .	97111 . . . . .	95
BUS, TRUCK, DIESEL ENG. MECHANIC . . . . .	85311 . . . . .	83
BUSINESS & MANAGEMENT, GENERAL . . . . .	06.0101 . . . . .	67
BUSINESS & PERSONAL SERVICES MARKETING, GENER	08.0201 . . . . .	50
BUSINESS (ADMINISTRATIVE SUPPORT), OTHER . . . . .	07.9999 . . . . .	60
BUSINESS ADMINISTRATION & MANAGEMENT, GENERAL . . . . .	06.0401 . . . . .	67
BUSINESS ADMINISTRATION & MANAGEMENT, OTHER . . . . .	06.0499 . . . . .	67
BUSINESS COMPUTER & CONSOLE OPERATION . . . . .	07.0302 . . . . .	69
BUSINESS DATA ENTRY EQUIPMENT OPERATION . . . . .	07.0303 . . . . .	69
BUSINESS DATA PERIPHERAL EQUIPMENT OPERATION . . . . .	07.0304 . . . . .	69
BUSINESS DATA PROCESSING & RELATED PROG GENER	07.0301 . . . . .	69
BUSINESS DATA PROGRAMMING . . . . .	07.0305 . . . . .	70
BUSINESS ECONOMICS . . . . .	06.0501 . . . . .	67
BUSINESS EDUCATION . . . . .	13.1303 . . . . .	100
BUSINESS MACHINE REPAIR . . . . .	47.0102 . . . . .	76
BUTCHER, CHICKEN AND FISH . . . . .	316.684-010 . . . . .	103
BUTCHERS & MEAT CUTTERS . . . . .	65023 . . . . .	102
BUTCHERS & MEATCUTTERS . . . . .	89801 . . . . .	102
BUYER . . . . .	162.157-018 . . . . .	51
BUYER, GRAIN . . . . .	162.167-010 . . . . .	51
CABINET ASSEMBLER . . . . .	763.684-014 . . . . .	54

<b>TITLE</b>	<b>CODE #</b>	<b>PAGE #</b>
CABINETMAKER . . . . .	660.280-010 . . . . .	54
CABINETMAKERS & BENCH CARPENTERS . . . . .	89311 . . . . .	80
CAFETERIA ATTENDANT . . . . .	311.677-010 . . . . .	104
CALCULATING-MACHINE OPERATOR . . . . .	216.482-022 . . . . .	61
CAMERA & PHOTOGRAPHIC REPAIRERS . . . . .	85914 . . . . .	78
CAMERA OPERATORS, TV & MOVIES . . . . .	34026 . . . . .	23
CANADIAN STUDIES . . . . .	05.0115 . . . . .	43
CANNERY WORKER . . . . .	529.686-014 . . . . .	103
CANNERY WORKERS . . . . .	93935 . . . . .	102
CAPACITOR-PACK-PRESS OPERATOR . . . . .	726.684-010 . . . . .	77
CAR-WASH ATTENDANT, AUTOMATIC . . . . .	915.667-010 . . . . .	96
CARD DEALING . . . . .	12.0203 . . . . .	55
CARETAKER . . . . .	301.687-010 . . . . .	94
CARPENTER . . . . .	860.381-022 . . . . .	81
CARPENTER APPRENTICE . . . . .	860.381-026 . . . . .	81
CARPENTER, MAINTENANCE . . . . .	860.281-010 . . . . .	81
CARPENTERS . . . . .	87110 . . . . .	80
CARPENTRY . . . . .	46.0201 . . . . .	81
CARPET INSTALLERS . . . . .	87602 . . . . .	80
CARPET LAYER . . . . .	864.381-010 . . . . .	81
CARTON-FORMING-MACHINE OPERATOR . . . . .	641.685-022 . . . . .	54
CASE AIDE . . . . .	195.367-010 . . . . .	107
CASEWORK SUPERVISOR . . . . .	195.137-010 . . . . .	107
CASEWORKER . . . . .	195.107-010 . . . . .	107
CASH-REGISTER SERVICER . . . . .	633.281-010 . . . . .	78
CASHIER 1 . . . . .	211.362-010 . . . . .	51
CASHIER 2 . . . . .	211.462-010 . . . . .	104
CASHIER-CHECKER . . . . .	211.462-014 . . . . .	51
CASHIERS . . . . .	49023 . . . . .	49
CEILING TILE INSTALLERS . . . . .	87105 . . . . .	80
CEMENT MASON . . . . .	844.364-010 . . . . .	81
CEMENTING & GLUING MACHINE OPER.	92956 . . . . .	52
CEMETERY WORKER . . . . .	406.684-010 . . . . .	14
CENTRAL OFFICE & PBX INSTAL/RPR.	85502 . . . . .	88
CENTRAL OFFICE OPERATORS . . . . .	57108 . . . . .	62
CENTRAL-OFFICE OPERATOR . . . . .	235.462-010 . . . . .	63
CENTRAL-OFFICE REPAIRER . . . . .	822.281-014 . . . . .	89
CHAIN OFFBEARER . . . . .	669.686-018 . . . . .	86
CHAINSAW OPERATOR . . . . .	454.687-010 . . . . .	16
CHEKER 2 . . . . .	209.687-010 . . . . .	61
CHEF . . . . .	313.131-014 . . . . .	103
CHEF/COOK . . . . .	20.0403 . . . . .	102
CHEMICAL ENGINEERING . . . . .	14.0701 . . . . .	112
CHEMICAL ENGINEERS . . . . .	22114 . . . . .	112

TITLE	CODE #	PAGE #
CHEMICAL EQUIP. CONTROLLER/OPER.	92935	112
CHEMICAL EQUIPMENT TENDER	92938	112
CHEMICAL PLANT & SYSTEM OPER.	95008	112
CHEMICAL TECHNICIANS, EXC. HEALTH	24505	112
CHEMICAL-ENGINEERING TECHNICIAN	008.261-010	112
CHEMICAL-LABORATORY TECHNICIAN	022.261-010	112
CHEMIST	022.061-010	112
CHEMISTRY TEACHERS	31204	99
CHEMISTRY, GENERAL	40.0501	112
CHEMISTS, EXCEPT BIOCHEMISTS	24105	112
CHIEF OF PARTY	018.167-010	111
CHILD CARE & GUIDANCE MGMT & SERVICES, GENERA	20.0201	98
CHILD CARE AIDE/ASSISTING	20.0202	98
CHILD CARE MANAGEMENT	20.0203	98
CHILD CARE WORKERS	68038	98
CHOKE SETTER	921.687-014	16
CHOKE SETTERS	73005	15
CITY, COMMUNITY, & REGIONAL PLANNING	04.0301	110
CIVIL ENGINEER	005.061-014	111
CIVIL ENGINEERING	14.0801	110
CIVIL ENGINEERING TECHNICIANS	22502	110
CIVIL ENGINEERS, INCL. TRAFFIC	22121	110
CIVIL TECHNOLOGY	15.0201	110
CLAIM ADJUSTER	241.217-010	27
CLAIM EXAMINER	241.267-018	27
CLAIMS CLERK 1	241.362-010	27
CLAIMS CLERK 2	205.367-018	61
CLAIMS EXAMINERS, INSURANCE	21921	27
CLAIMS TAKERS, UNEMPLOY.BENEFITS	21502	64
CLASSICS	23.0201	42
CLASSIFIED-AD CLERK 1	247.367-010	61
CLASSIFIER	361.687-014	91
CLEANER 2	919.687-014	94
CLEANER, COMMERCIAL OR INSTITUTIONAL	381.687-014	94
CLEANER, HOSPITAL	323.687-010	94
CLEANER, HOUSEKEEPING	323.687-014	94
CLEANER, INDUSTRIAL	381.687-018	94
CLEANING, PICKLING EQUIP. OPER.	92958	52
CLERGY	27502	106
CLERK, GENERAL	209.562-010	61
CLERK-TYPIST	07.0702	60
CLERK-TYPIST	203.362-010	61
CLINICAL ANIMAL TECHNOLOGY	17.0303	18
CLOTHES DESIGNER	142.061-018	91

<b>TITLE</b>	<b>CODE #</b>	<b>PAGE #</b>
CLOTHING MAINTENANCE AIDE . . . . .	20.0302 . . . . .	90
CLOTHING/APPAREL/TEXTILES MGMT/PROD/SERV GENE . . . . .	20.0301 . . . . .	90
COATING, PAINTING MACH. OPER. . . . .	92953 . . . . .	52
COATING, PAINTING SETTER/OPER. . . . .	92951 . . . . .	52
CODING CLERK . . . . .	209.387-010 . . . . .	61
COIL WINDER . . . . .	724.684-026 . . . . .	77
COIL WINDERS, TAPERS, FINISHERS . . . . .	93908 . . . . .	80
COIN & VENDING MACHINE SERVICERS . . . . .	85947 . . . . .	78
COIN COLLECTOR . . . . .	292.483-010 . . . . .	51
COIN-MACHINE-SERVICE REPAIRER . . . . .	639.281-014 . . . . .	78
COLLECTION CLERK . . . . .	216.362-014 . . . . .	61
COLLECTION CLERK . . . . .	241.357-010 . . . . .	63
COMB. FOOD PREPARATION, SERVICE . . . . .	65041 . . . . .	104
COMBINATION MACH.TOOL OPER., M/P . . . . .	91508 . . . . .	85
COMMERCIAL ART . . . . .	48.0203 . . . . .	22
COMMERCIAL GARMENT & APPAREL CONSTRUCTION . . . . .	20.0303 . . . . .	90
COMMERCIAL PHOTOGRAPHY . . . . .	48.0204 . . . . .	23
COMMUNICATION ELECTRONICS . . . . .	47.0103 . . . . .	78
COMMUNICATION,TRANSP.,UTIL.MGRS . . . . .	15023 . . . . .	66
COMMUNICATIONS, GENERAL . . . . .	09.0101 . . . . .	20
COMMUNITY SERVICES . . . . .	44.0201 . . . . .	67
COMPANION . . . . .	309.677-010 . . . . .	107
COMPANION TO THE AGED . . . . .	20.0602 . . . . .	107
COMPLIANCE & ENFORCE. INSPECTORS . . . . .	21911 . . . . .	64
COMPOSITION . . . . .	23.0401 . . . . .	20
COMPOSITOR . . . . .	973.381-010 . . . . .	24
COMPREHENSIVE CONSUMER & HOMEMAKING EDUCATION . . . . .	20.0101 . . . . .	42
COMPRESSION-MOLDING-MACHINE TENDER . . . . .	556.685-022 . . . . .	54
COMPUTER & INFORMATION SCIENCES, GENERAL . . . . .	11.0101 . . . . .	70
COMPUTER EDUCATION . . . . .	13.1321 . . . . .	100
COMPUTER OPERATOR . . . . .	213.362-010 . . . . .	69
COMPUTER OPERATORS, EXC. PERIPH. . . . .	56011 . . . . .	69
COMPUTER PROGRAMMERS & AIDES . . . . .	25104 . . . . .	70
COMPUTER PROGRAMMING . . . . .	11.0201 . . . . .	70
COMPUTER SCIENCE TEACHERS . . . . .	31226 . . . . .	99
COMPUTER SYSTEMS ANALYSTS, EDP . . . . .	25102 . . . . .	70
COMPUTER TECHNOLOGY . . . . .	15.0301 . . . . .	70
COMPUTER-APPLICATIONS ENGINEER . . . . .	020.062-010 . . . . .	70
CONCRETE & TERRAZZO FINISHERS . . . . .	87311 . . . . .	80
CONCRETE PLACING & FINISHING . . . . .	46.0402 . . . . .	81
CONSERVATION . . . . .	03.0202 . . . . .	17
CONSERVATION & REGULATION, GENERAL . . . . .	03.0201 . . . . .	17
CONSTRUCTION . . . . .	21.0102 . . . . .	81
CONSTRUCTION EQUIPMENT OPERATION . . . . .	49.0202 . . . . .	96

<b>TITLE</b>	<b>CODE #</b>	<b>PAGE #</b>
CONSTRUCTION INSPECTION . . . . .	46.0403 . . . . .	81
CONSTRUCTION INSPECTOR . . . . .	182.267-010 . . . . .	111
CONSTRUCTION MANAGERS . . . . .	15017 . . . . .	66
CONSTRUCTION TRADES, OTHER . . . . .	46.9999 . . . . .	81
CONSTRUCTION WORKER 1 . . . . .	869.664-014 . . . . .	81
CONSTRUCTION WORKER 2 . . . . .	869.687-026 . . . . .	81
CONSTRUCTION, BUILDING INSPECTOR . . . . .	21908 . . . . .	93
CONSTRUCTION-EQUIPMENT MECHANIC . . . . .	620.261-022 . . . . .	82
CONTRACT MANAGEMENT & PROCUREMENT/PURCHASING . . . . .	06.0402 . . . . .	67
CONTROLLER . . . . .	186.117-014 . . . . .	68
CONVENTIONAL ELECTRICAL POWER GENERATION . . . . .	47.0502 . . . . .	88
CONVEYOR OPERATOR . . . . .	921.683-026 . . . . .	11
CONVEYOR OPERATORS & TENDERS . . . . .	97951 . . . . .	95
COOK . . . . .	315.361-010 . . . . .	103
COOK . . . . .	313.361-014 . . . . .	103
COOK HELPER . . . . .	317.687-010 . . . . .	103
COOK, KETTLE . . . . .	526.381-026 . . . . .	103
COOK, SHORT ORDER 1 . . . . .	313.361-022 . . . . .	103
COOK, SPECIALTY . . . . .	313.361-026 . . . . .	103
COOK, SPECIALTY, FOREIGN FOOD . . . . .	313.361-030 . . . . .	103
COOKING MACHINE OPER., FOOD/TOB. . . . .	92917 . . . . .	52
COOKS, FAST FOOD & SHORT ORDER . . . . .	65030 . . . . .	102
COOKS, INSTITUTION OR CAFETERIA . . . . .	65028 . . . . .	102
COOKS, RESTAURANT . . . . .	65026 . . . . .	102
COOLING & REFRIGERATION . . . . .	47.0202 . . . . .	78
COPY WRITER . . . . .	131.067-014 . . . . .	20
CORRECT. & MANUAL ARTS THERAPIST . . . . .	32311 . . . . .	36
CORRECTION OFFICER . . . . .	372.667-018 . . . . .	74
CORRECTION OFFICERS & JAILERS . . . . .	63017 . . . . .	74
CORRESPONDENCE CLERKS . . . . .	55317 . . . . .	59
COSMETOLOGIST . . . . .	332.271-010 . . . . .	97
COSMETOLOGY . . . . .	12.0403 . . . . .	97
COST CLERK . . . . .	216.382-034 . . . . .	61
COST ESTIMATORS . . . . .	21902 . . . . .	66
COUNSELOR . . . . .	045.107-010 . . . . .	101
COUNSELOR, CAMP . . . . .	159.124-010 . . . . .	56
COUNTER & RENTAL CLERKS . . . . .	49017 . . . . .	49
COUNTER ATTENDANT, LUNCHROOM OR COFFEE SHOP . . . . .	311.477-014 . . . . .	104
COUNTER ATTENDANTS . . . . .	65017 . . . . .	104
COURT CLERKS . . . . .	53702 . . . . .	59
CRAFTS, GENERAL . . . . .	50.0201 . . . . .	45
CRANE & TOWER OPERATORS . . . . .	97944 . . . . .	95
CREATIVE WRITING . . . . .	23.0501 . . . . .	20
CREDIT ANALYST . . . . .	191.267-014 . . . . .	26

<b>TITLE</b>	<b>CODE #</b>	<b>PAGE #</b>
CREDIT ANALYSTS . . . . .	21105 . . . . .	26
CREDIT AUTHORIZERS . . . . .	53114 . . . . .	26
CREDIT CHECKERS . . . . .	53117 . . . . .	26
CREDIT CLERK . . . . .	205.367-022 . . . . .	26
CRIMINAL INVESTIGATORS, FEDERAL . . . . .	63028 . . . . .	74
CRIMINAL JUSTICE STUDIES . . . . .	43.0104 . . . . .	74
CROP PRODUCTION . . . . .	01.0304 . . . . .	11
CROSSING GUARDS . . . . .	63044 . . . . .	74
CRUSHING & MIXING MACHINE OPER. . . . .	92965 . . . . .	52
CURATORS,ARCHIVISTS, MUSEUM TECH . . . . .	31511 . . . . .	43
CUSTODIAL SERVICES . . . . .	20.0604 . . . . .	93
CUSTOM APPAREL/GARMENT SEAMSTRESS . . . . .	20.0304 . . . . .	90
CUSTOM DRAPERY & WINDOW TREATMENT DESIGN/MAKI . . . . .	20.0502 . . . . .	53
CUSTOM TAILORS & SEWERS . . . . .	89505 . . . . .	90
CUSTOMER SERVICE REPS, UTILITIES . . . . .	55335 . . . . .	88
CUSTOMER-SERVICE CLERK . . . . .	299.367-010 . . . . .	63
CUSTOMER-SERVICE REPRESENTATIVE . . . . .	239.367-010 . . . . .	63
CUTTERS & TRIMMERS, HAND . . . . .	93926 . . . . .	90
CUTTING & SLICING MACHINE OPER. . . . .	92944 . . . . .	52
CUTTING & SLICING SETTER/OPER. . . . .	92941 . . . . .	115
CYLINDER-PRESS OPERATOR . . . . .	651.362-010 . . . . .	24
DAIRY PROCESSING EQUIP. OPERATOR . . . . .	92932 . . . . .	52
DANCE . . . . .	50.0301 . . . . .	45
DATA ENTRY KEYERS, COMPOSING . . . . .	56021 . . . . .	69
DATA ENTRY KEYERS, EX. COMPOSING . . . . .	56017 . . . . .	69
DATA PROCESSING . . . . .	11.0301 . . . . .	69
DATA PROCESSING EQUIP. REPAIRERS . . . . .	85705 . . . . .	76
DATA-CODER OPERATOR . . . . .	203.582-026 . . . . .	69
DELIVERER, MERCHANDISE . . . . .	299.477-010 . . . . .	51
DEMONSTRATORS, PROMOTERS, MODELS . . . . .	49032 . . . . .	49
DENTAL ASSISTANT . . . . .	079.371-010 . . . . .	30
DENTAL ASSISTANTS . . . . .	66002 . . . . .	30
DENTAL ASSISTING . . . . .	17.0101 . . . . .	30
DENTAL CERAMIST ASSISTANT . . . . .	712.664-010 . . . . .	115
DENTAL HYGIENE . . . . .	17.0102 . . . . .	30
DENTAL HYGIENIST . . . . .	078.361-010 . . . . .	30
DENTAL HYGIENISTS . . . . .	32908 . . . . .	30
DENTAL LABORATORY TECHNICIANS . . . . .	89921 . . . . .	30
DENTAL LABORATORY TECHNOLOGY . . . . .	17.0103 . . . . .	115
DENTAL-LABORATORY TECHNICIAN . . . . .	712.381-018 . . . . .	115
DENTIST . . . . .	072.101-010 . . . . .	30
DENTISTS . . . . .	32105 . . . . .	30
DERRICK OPERATOR . . . . .	921.663-022 . . . . .	96
DERRICK OPERATORS, OIL & GAS . . . . .	87914 . . . . .	119

TITLE	CODE #	PAGE #
DERRICK WORKER, WELL SERVICE . . . . .	930.683-018 . . . . .	120
DESIGNERS, EXC. INTERIOR DESIGN. . . . .	34038 . . . . .	22
DESK CLERK, BOWLING FLOOR . . . . .	340.367-010 . . . . .	56
DETAIL DESIGN DECORATORS & PAINT . . . . .	89911 . . . . .	52
DIE CUTTER . . . . .	699.682-022 . . . . .	54
DIESEL ENGINE MECHANICS . . . . .	47.0605 . . . . .	82
DIESEL MECHANIC . . . . .	625.281-010 . . . . .	82
DIETETIC AIDE/ASSISTING . . . . .	20.0404 . . . . .	102
DIETETIC TECHNICIAN . . . . .	077.121-010 . . . . .	38
DIETETIC TECHNICIANS . . . . .	32523 . . . . .	37
DIETITIAN, CHIEF . . . . .	077.117-010 . . . . .	38
DIETITIANS & NUTRITIONISTS . . . . .	32521 . . . . .	37
DINING ROOM & BARTENDER HELPERS . . . . .	65014 . . . . .	104
DINING ROOM ATTENDANT . . . . .	311.677-018 . . . . .	104
DIRECTOR, FUNERAL . . . . .	187.167-030 . . . . .	105
DIRECTOR, INSTITUTION . . . . .	187.117-018 . . . . .	68
DIRECTOR, NEWS . . . . .	184.167-014 . . . . .	20
DIRECTOR, NURSING SERVICE . . . . .	075.117-022 . . . . .	39
DIRECTOR, RESEARCH AND DEVELOPMENT . . . . .	189.117-014 . . . . .	68
DIRECTORS, RELIGIOUS ACTIV./EDUC. . . . .	27505 . . . . .	106
DIRECTORY ASSISTANCE OPERATORS . . . . .	57105 . . . . .	62
DISPATCHER, MOTOR VEHICLE . . . . .	249.167-014 . . . . .	63
DISPATCHER: POLICE, FIRE, AMBULANCE . . . . .	58002 . . . . .	74
DISPATCHERS: EXC. POL., FIRE, AMB. . . . .	58005 . . . . .	62
DITCH RIDER . . . . .	954.362-010 . . . . .	113
DOUGHNUT MAKER . . . . .	526.684-010 . . . . .	103
DRAFTER, ARCHITECTURAL . . . . .	001.261-010 . . . . .	111
DRAFTER, CIVIL . . . . .	005.281-010 . . . . .	111
DRAFTER, ELECTRICAL . . . . .	003.281-010 . . . . .	77
DRAFTER, ELECTRONIC . . . . .	003.281-014 . . . . .	77
DRAFTER, GEOLOGICAL . . . . .	010.281-014 . . . . .	120
DRAFTER, STRUCTURAL . . . . .	005.281-014 . . . . .	111
DRAFTERS . . . . .	22514 . . . . .	110
DRAFTING & DESIGN . . . . .	21.0103 . . . . .	110
DRAFTING & DESIGN TECHNOLOGY . . . . .	15.0202 . . . . .	110
DRAFTING, GENERAL . . . . .	48.0101 . . . . .	110
DRAFTING, OTHER . . . . .	48.0199 . . . . .	110
DRAGLINE OPERATORS . . . . .	97926 . . . . .	119
DRAMATIC ARTS . . . . .	50.0501 . . . . .	45
DRAWING . . . . .	50.0705 . . . . .	45
DRILL-PRESS OPERATOR . . . . .	606.682-014 . . . . .	86
DRILLING, BORING MACH. SET/OP., M/P . . . . .	91108 . . . . .	85
DRIVER . . . . .	919.683-014 . . . . .	96
DRIVER, SALES ROUTE . . . . .	292.353-010 . . . . .	51

<b>TITLE</b>	<b>CODE #</b>	<b>PAGE #</b>
DRIVER/SALES WORKERS . . . . .	97117 . . . . .	49
DRY CLEANER, HAND . . . . .	362.684-010 . . . . .	91
DRYCLEANING & LAUNDERING SERVICES . . . . .	12.0101 . . . . .	90
DRYWALL INSTALLERS . . . . .	87108 . . . . .	80
DUMP-TRUCK DRIVER . . . . .	902.683-010 . . . . .	96
DUPLICATING MACHINE OPERATORS . . . . .	56005 . . . . .	59
EARTH DRILLERS, EX. OIL & GAS . . . . .	87902 . . . . .	119
EARTH SCIENCE . . . . .	40.0703 . . . . .	120
ECONOMICS . . . . .	45.0601 . . . . .	46
ECONOMISTS, MARKET ANALYSTS . . . . .	27102 . . . . .	48
EDITOR, PUBLICATIONS . . . . .	132.037-022 . . . . .	21
EDUCATION ADMINISTRATORS . . . . .	15005 . . . . .	66
EDUCATION OF THE EMOTIONALLY HANDICAPPED . . . . .	13.1005 . . . . .	100
EDUCATION OF THE MULTIPLE HANDICAPPED . . . . .	13.1007 . . . . .	100
EDUCATION, GENERAL . . . . .	13.0101 . . . . .	100
EGG CANDLER . . . . .	529.687-074 . . . . .	103
ELECTR. HOME APPL. & POWER TOOL . . . . .	85711 . . . . .	78
ELECTRIC METER INSTALLERS/REPAIR . . . . .	85911 . . . . .	88
ELECTRIC MOTOR REPAIRERS . . . . .	85714 . . . . .	78
ELECTRIC-DISTRIBUTION CHECKER . . . . .	824.281-014 . . . . .	89
ELECTRIC-MOTOR ASSEMBLER . . . . .	721.684-022 . . . . .	77
ELECTRIC-MOTOR REPAIRER . . . . .	721.281-018 . . . . .	77
ELECTRICAL & ELECTRONIC ENGINEER . . . . .	22126 . . . . .	76
ELECTRICAL & ELECTRONIC TECHNS. . . . .	22505 . . . . .	76
ELECTRICAL ENGINEER . . . . .	003.061-010 . . . . .	77
ELECTRICAL INSTALLERS & REPAIRER . . . . .	85728 . . . . .	76
ELECTRICAL POWERLINE INSTAL/RPR. . . . .	85723 . . . . .	88
ELECTRICAL REPAIRER . . . . .	829.281-014 . . . . .	77
ELECTRICAL TECHNOLOGY . . . . .	15.0302 . . . . .	76
ELECTRICAL TEST ENGINEER . . . . .	003.061-014 . . . . .	77
ELECTRICAL, ELECTRONIC ASSEMBLER . . . . .	93114 . . . . .	76
ELECTRICAL, ELECTRONIC ASSEMBLER . . . . .	93905 . . . . .	76
ELECTRICAL, ELECTRONICS, & COMMUNICATIONS ENG . . . . .	14.1001 . . . . .	76
ELECTRICAL-APPLIANCE SERVICER . . . . .	827.261-010 . . . . .	78
ELECTRICAL/ELECTRONICS EQUIP REPAIR, GENERAL . . . . .	47.0101 . . . . .	76
ELECTRICIAN . . . . .	46.0302 . . . . .	76
ELECTRICIAN . . . . .	824.261-010 . . . . .	77
ELECTRICIAN, AIRPLANE . . . . .	825.281-018 . . . . .	77
ELECTRICIANS . . . . .	87202 . . . . .	76
ELECTRICITY/ELECTRONICS . . . . .	21.0104 . . . . .	76
ELECTROCARDIOGRAPH TECHNICIAN . . . . .	078.362-018 . . . . .	38
ELECTROCARDIOGRAPH TECHNICIANS . . . . .	32926 . . . . .	37
ELECTROENCEPHALOGRAPH TECHN. . . . .	32923 . . . . .	37
ELECTROENCEPHALOGRAPHIC TECHNOLOGIST . . . . .	078.362-022 . . . . .	38

TITLE	CODE #	PAGE #
ELECTROLYTIC PLATING SET/OP.,M/P . . . . .	91917 . . . . .	87
ELECTROMEDICAL & BIOMED. REPAIR. . . . .	85908 . . . . .	76
ELECTRONIC TECHNOLOGY . . . . .	15.0303 . . . . .	76
ELECTRONIC-SALES-AND-SERVICE TECHNICIAN . . . . .	828.251-010 . . . . .	77
ELECTRONICS ASSEMBLER . . . . .	726.684-018 . . . . .	77
ELECTRONICS ASSEMBLER . . . . .	726.384-010 . . . . .	77
ELECTRONICS ASSEMBLER, DEVELOPMENTAL . . . . .	726.261-010 . . . . .	77
ELECTRONICS INSPECTOR 1 . . . . .	726.381-010 . . . . .	77
ELECTRONICS INSPECTOR 2 . . . . .	726.684-022 . . . . .	77
ELECTRONICS MECHANIC . . . . .	828.281-010 . . . . .	77
ELECTRONICS REPAIRERS,COMM.&IND. . . . .	85717 . . . . .	76
ELECTRONICS TECHNICIAN . . . . .	003.161-014 . . . . .	77
ELEMENTARY EDUCATION . . . . .	13.1202 . . . . .	100
ELEVATOR OPERATORS . . . . .	67011 . . . . .	93
EMBALMERS . . . . .	39014 . . . . .	105
EMERGENCY MEDICAL TECHNICIANS . . . . .	32508 . . . . .	72
EMERGENCY MEDICAL TECHNOLOGY-PARAMEDIC . . . . .	17.0206 . . . . .	72
EMPLOYMENT CLERK . . . . .	205.362-014 . . . . .	61
EMPLOYMENT INTERVIEWERS . . . . .	21508 . . . . .	64
ENERGY, POWER, & TRANSPORTATION . . . . .	21.0105 . . . . .	109
ENGINEER-IN-CHARGE, STUDIO OPERATIONS . . . . .	003.167-030 . . . . .	20
ENGINEER., MATH., NAT. SCI. MGR. . . . .	13017 . . . . .	116
ENGINEERING & ENG.-RELATED TECHNOLOGIES, OTHE . . . . .	15.9999 . . . . .	121
ENGINEERING MECHANICS . . . . .	14.1101 . . . . .	121
ENGINEERING TEACHERS . . . . .	31222 . . . . .	99
ENGINEERING, GENERAL . . . . .	14.0101 . . . . .	121
ENGINEERING, OTHER . . . . .	14.9999 . . . . .	121
ENGLISH & FOREIGN LANG. TEACHERS . . . . .	31216 . . . . .	99
ENGLISH EDUCATION . . . . .	13.1305 . . . . .	100
ENGLISH, GENERAL . . . . .	23.0101 . . . . .	42
ENTOMOLOGY . . . . .	26.0702 . . . . .	11
ENVIRONMENTAL CONTROL TECHNOLOGIES, OTHER . . . . .	15.0599 . . . . .	113
ENVIRONMENTAL HEALTH ENGINEERING . . . . .	14.1401 . . . . .	113
ENVIRONMENTAL-CONTROL-SYSTEM INSTALLER-SERVIC . . . . .	637.261-014 . . . . .	78
ENVIRONMENTAL-CONTROL-SYSTEM INSTALLER-SERVIC . . . . .	637.664-010 . . . . .	78
EPIDEMIOLOGY . . . . .	18.2202 . . . . .	112
ESTIMATOR . . . . .	160.267-018 . . . . .	68
ESTIMATORS & DRAFTERS, UTILITIES . . . . .	22517 . . . . .	88
EXCAVATION LOADING MACHINE OPER. . . . .	97923 . . . . .	119
EXECUTIVE DIRECTOR, SHELTERED WORKSHOP . . . . .	187.117-026 . . . . .	68
EXECUTIVE HOUSEKEEPER . . . . .	187.167-046 . . . . .	94
EXECUTIVE HOUSEKEEPING . . . . .	20.0605 . . . . .	93
EXECUTIVE SECRETARIAL . . . . .	07.0603 . . . . .	65
EXERCISE PHYSIOLOGY . . . . .	17.0804 . . . . .	36

<b>TITLE</b>	<b>CODE #</b>	<b>PAGE #</b>
EXTERMINATOR . . . . .	389.684-010 . . . . .	94
EXTRUDER OPERATOR . . . . .	557.382-010 . . . . .	86
EXTRUDING & FORMING OPERATOR . . . . .	92971 . . . . .	52
EXTRUDING, FORMING SETTER/OPER. . . . .	92968 . . . . .	52
EXTRUDING-MACHINE OPERATOR . . . . .	691.382-010 . . . . .	86
EYEGLASS-LENS CUTTER . . . . .	716.682-010 . . . . .	115
FABRICATOR-ASSEMBLER, METAL PRODUCTS . . . . .	809.381-010 . . . . .	87
FACULTY MEMBER, COLLEGE OR UNIVERSITY . . . . .	090.227-010 . . . . .	101
FALLER 1 . . . . .	454.384-010 . . . . .	16
FALLERS & BUCKERS . . . . .	73002 . . . . .	15
FARM & HOME MANAGEMENT ADVISORS . . . . .	31323 . . . . .	12
FARM EQUIPMENT MECHANICS . . . . .	85321 . . . . .	13
FARM EQUIPMENT OPERATORS . . . . .	79021 . . . . .	11
FARM-EQUIPMENT MECHANIC 1 . . . . .	624.281-010 . . . . .	13
FARM-MACHINERY SET-UP MECHANIC . . . . .	624.381-018 . . . . .	13
FARMWORKER, DAIRY . . . . .	410.684-010 . . . . .	11
FARMWORKER, FIELD CROP 2 . . . . .	404.687-010 . . . . .	11
FASHION MERCHANDISING . . . . .	08.0102 . . . . .	50
FASHION MODELING . . . . .	08.0103 . . . . .	50
FENCE ERECTORS . . . . .	87817 . . . . .	80
FIBER/TEXTILES/WEAVING . . . . .	50.0204 . . . . .	22
FIELD ENGINEER . . . . .	828.261-014 . . . . .	77
FILE CLERK 1 . . . . .	206.362-010 . . . . .	61
FILE CLERK 2 . . . . .	206.367-014 . . . . .	61
FILE CLERKS . . . . .	55321 . . . . .	59
FINANCIAL ANALYST . . . . .	020.167-014 . . . . .	26
FINANCIAL ANALYSTS, STATISTICAL . . . . .	25315 . . . . .	26
FINANCIAL MANAGERS . . . . .	13002 . . . . .	26
FINANCIAL SERVICES MARKETING . . . . .	08.0401 . . . . .	26
FINE ARTS, GENERAL . . . . .	50.0701 . . . . .	45
FINISHER, DENTURE . . . . .	712.681-018 . . . . .	115
FINISHER, HAND . . . . .	754.684-030 . . . . .	54
FIRE CONTROL & SAFETY TECHNOLOGY . . . . .	43.0201 . . . . .	113
FIRE FIGHTER . . . . .	373.364-010 . . . . .	73
FIRE FIGHTERS . . . . .	63008 . . . . .	73
FIRE FIGHTING & PREV.SUPERVISORS . . . . .	61002 . . . . .	73
FIRE INSPECTORS . . . . .	63001 . . . . .	73
FIREFIGHTING . . . . .	43.0203 . . . . .	73
FIREWORKS ASSEMBLER . . . . .	737.587-014 . . . . .	54
FIRST LINE SUPERV.: PRODUCTION . . . . .	81008 . . . . .	52
FIRST LINE SUPERV.: TRANSPORT . . . . .	81011 . . . . .	95
FIRST LINE SUPERV.: CONST.EXTRAC. . . . .	81005 . . . . .	80
FIRST LINE SUPERV.:HELP,LABORERS . . . . .	81017 . . . . .	80
FIRST LINE SUPERV.:MECH.& REPAIR . . . . .	81002 . . . . .	83

TITLE	CODE #	PAGE #
FIRST LINE SUPERV.AG,FOREST,FISH	72002	12
FIRST LINE SUPERVISORS, CLERICAL	51002	59
FIRST LINE SUPERVISORS, SALES	41002	49
FISH & GAME WARDENS	63041	17
FISH CLEANER	525.684-030	103
FISHING-ROD ASSEMBLER	732.684-066	54
FLATWORK FINISHER	363.686-010	91
FLIGHT ENGINEER	621.261-018	117
FLOOR LAYERS,EX.CARPET,WOOD,TILE	87605	80
FLOOR WORKER, WELL SERVICE	930.684-014	120
FLORAL DESIGN	20.0504	14
FLORAL DESIGNER	142.081-010	14
FOLDING-MACHINE OPERATOR	649.685-046	54
FOLDING-MACHINE OPERATOR	653.382-010	24
FOOD BATCHMAKERS	89808	102
FOOD PREPARATION WORKERS	65038	102
FOOD PROCESSING TECHNOLOGY	15.0602	53
FOOD PRODUCTION, MGMT, & SERVICES, GENERAL	20.0401	102
FOOD PRODUCTS	01.0402	11
FOOD SCIENCES & HUMAN NUTRITION, GENERAL	19.0501	102
FOOD SERVERS, OUTSIDE	65011	104
FOOD SERVICE	20.0406	104
FOOD SERVICE & LODGING MANAGERS	15026	66
FOOD-SERVICE DRIVER	906.683-010	96
FOOD-SERVICE SUPERVISOR	319.137-010	68
FOOD-SERVICE WORKER, HOSPITAL	355.677-010	103
FOREIGN LANGUAGES EDUCATION	13.1306	100
FOREIGN LANGUAGES, MULTIPLE EMPHASIS	16.0101	42
FOREST & CONSERVATION WORKERS	79002	15
FOREST MANAGEMENT	03.0506	15
FOREST PRODUCTION	03.0402	15
FOREST PRODUCTS PROCESSING TECHNOLOGY	03.0404	15
FOREST PRODUCTS UTILIZATION	03.0403	15
FOREST-FIRE FIGHTER	452.687-014	73
FORESTER	040.061-034	16
FORESTER AIDE	452.364-010	16
FORESTER, CONSERVATION SCIENTIST	24302	15
FORESTRY & RELATED SCIENCES, GENERAL	03.0501	15
FORESTRY & RELATED SCIENCES, OTHER	03.0599	15
FORESTRY PRODUCTION & PROCESSING, GENERAL	03.0401	15
FOUNDRY METALLURGIST	011.061-010	120
FOUNDRY MOLD & CORE MAKERS	89902	87
FOUNDRY WORK	48.0502	87
FOUNDRY WORKER, GENERAL	519.687-022	87

<b>TITLE</b>	<b>CODE #</b>	<b>PAGE #</b>
FOUNTAIN SERVER . . . . .	319.474-010 . . . . .	104
FRAME WIRERS, CENTRAL OFFICE . . . . .	85505 . . . . .	88
FRENCH . . . . .	16.0901 . . . . .	42
FRONT-END LOADER OPERATOR . . . . .	921.683-042 . . . . .	96
FUNERAL ATTENDANTS . . . . .	68041 . . . . .	105
FUNERAL DIRECTORS & MORTICIANS . . . . .	39011 . . . . .	105
FURNACE OPERATORS & TENDERS . . . . .	91935 . . . . .	109
FURNACE, KILN, OVEN,KETTLE OPER.	92923 . . . . .	52
FURNITURE FINISHERS . . . . .	89314 . . . . .	80
FURNITURE MAKING . . . . .	48.0702 . . . . .	53
FURNITURE UPHOLSTERER . . . . .	780.381-018 . . . . .	91
GAGER . . . . .	914.384-010 . . . . .	120
GARDENERS & GROUNDSKEEPERS . . . . .	79014 . . . . .	14
GARMENT FOLDER . . . . .	789.687-066 . . . . .	91
GARMENT INSPECTOR . . . . .	789.687-070 . . . . .	54
GAS APPLIANCE REPAIRERS . . . . .	85944 . . . . .	78
GAS COMPRESSOR OPERATORS . . . . .	97921 . . . . .	119
GAS PLANT OPERATORS . . . . .	95005 . . . . .	119
GAS PUMPING STATION OPERATORS . . . . .	97917 . . . . .	119
GAS-APPLIANCE SERVICER . . . . .	637.261-018 . . . . .	78
GAS-ENGINE REPAIRER . . . . .	625.281-026 . . . . .	84
GAUGERS . . . . .	95017 . . . . .	119
GENERAL MANAGERS & TOP EXEC. . . . .	19005 . . . . .	66
GENERAL MARKETING, OTHER . . . . .	08.0799 . . . . .	48
GENERAL OFFICE CLERK . . . . .	07.0705 . . . . .	60
GENERAL OFFICE CLERKS . . . . .	55347 . . . . .	59
GENERAL PRACTITIONER . . . . .	070.101-022 . . . . .	40
GENERAL SECRETARIES . . . . .	55199 . . . . .	65
GENERAL STUDIES . . . . .	24.0102 . . . . .	42
GENERAL SUPERVISOR . . . . .	183.167-018 . . . . .	68
GEOCHEMISTRY . . . . .	40.0602 . . . . .	120
GEOGRAPHY . . . . .	45.0701 . . . . .	110
GEOLOGICAL ENGINEERING . . . . .	14.1501 . . . . .	120
GEOLOGIST . . . . .	024.061-018 . . . . .	120
GEOLOGIST, GEOPHYSICIST, OCEANOOG . . . . .	24111 . . . . .	119
GEOLOGIST, PETROLEUM . . . . .	024.061-022 . . . . .	120
GEOLOGY . . . . .	40.0601 . . . . .	120
GEOPHYSICAL ENGINEERING . . . . .	14.1601 . . . . .	120
GERMAN . . . . .	16.0501 . . . . .	42
GLASS BLOWER, LABORATORY APPARATUS . . . . .	772.281-010 . . . . .	54
GLAZIER . . . . .	865.381-010 . . . . .	81
GLAZIERS . . . . .	87811 . . . . .	80
GLAZING . . . . .	46.0406 . . . . .	81
GLUER . . . . .	795.687-014 . . . . .	91

TITLE	CODE #	PAGE #
GRADER . . . . .	669.587-010	16
GRADER, DOZER, SCRAPER OPERATORS . . . . .	97938 . . . . .	95
GRADERS & SORTERS, AGRIC.PRODUCT . . . . .	79011 . . . . .	11
GRADUATE ASSISTANTS, TEACHING . . . . .	31117 . . . . .	99
GRAPHIC & PRINTING COMMUNICATIONS, GENERAL . . . . .	48.0201 . . . . .	23
GRAPHIC ARTS . . . . .	21.0106 . . . . .	22
GRAPHIC DESIGN . . . . .	50.0402 . . . . .	22
GRAPHIC DESIGNER . . . . .	141.061-018 . . . . .	22
GREENSKEEPER 1 . . . . .	406.137-010 . . . . .	14
GREENSKEEPER 2 . . . . .	406.683-010 . . . . .	14
GRINDER OPERATOR . . . . .	521.682-026 . . . . .	86
GRINDER OPERATOR, PRODUCTION . . . . .	603.685-062 . . . . .	86
GRINDER OPERATOR, TOOL . . . . .	603.280-018 . . . . .	86
GRINDING & POLISHING, HAND . . . . .	93953 . . . . .	52
GRINDING,BUFFING MACH.SET/OP.M/P . . . . .	91114 . . . . .	85
GROUNDSKEEPER, INDUSTRIAL-COMMERCIAL . . . . .	406.684-014 . . . . .	14
GROUP WORKER . . . . .	195.164-010 . . . . .	107
GUARD, SECURITY . . . . .	372.667-034 . . . . .	74
GUARDS & WATCH GUARDS . . . . .	63047 . . . . .	74
GUIDES . . . . .	68017 . . . . .	55
HAIRDRESSERS & COSMETOLOGISTS . . . . .	68005 . . . . .	97
HAND PACKERS & PACKAGERS . . . . .	98902 . . . . .	52
HARD TILE SETTERS . . . . .	87308 . . . . .	80
HARDWARE MARKETING . . . . .	08.0806 . . . . .	50
HARVEST WORKER, FIELD CROP . . . . .	404.687-014 . . . . .	11
HARVEST WORKER, FRUIT . . . . .	403.687-018 . . . . .	11
HEAD SAWYER . . . . .	667.662-010 . . . . .	16
HEAD SAWYERS . . . . .	92305 . . . . .	15
HEALTH SPECIALTIES TEACHERS . . . . .	31212 . . . . .	99
HEALTH UNIT COORDINATING . . . . .	17.0513 . . . . .	60
HEALTH-RELATED ACTIVITIES, GENERAL . . . . .	34.0101 . . . . .	37
HEAT TREATER 2 . . . . .	504.682-018 . . . . .	87
HEATING & AIR CONDITIONING . . . . .	47.0203 . . . . .	109
HEATING, A/C, REFRIG. MECHANICS . . . . .	85902 . . . . .	78
HEATING/AIR CONDITIONING/REFRIG MECHANICS GEN . . . . .	47.0201 . . . . .	78
HEAVY EQUIPMENT MAINTENANCE & REPAIR . . . . .	47.0302 . . . . .	82
HELPERS, ALL OTHER CONSTRUCTION . . . . .	98319 . . . . .	80
HELPERS, CARPENTERS . . . . .	98312 . . . . .	80
HELPERS, ELECTRICIANS . . . . .	98313 . . . . .	76
HELPERS, EXTRACTIVE WORKERS . . . . .	98323 . . . . .	119
HELPERS, MASONS & TILE SETTERS . . . . .	98311 . . . . .	80
HELPERS, PAINTERS, PLASTERERS . . . . .	98314 . . . . .	80
HELPERS, PLUMBERS, PIPEFITTERS . . . . .	98315 . . . . .	80
HELPERS, ROOFERS . . . . .	98316 . . . . .	80

TITLE	CODE #	PAGE #
HIGHWAY MAINTENANCE WORKERS . . . . .	87711 . . . . .	95
HISTORY . . . . .	45.0801 . . . . .	43
HOIST & WINCH OPERATORS . . . . .	97941 . . . . .	95
HOME DECORATING . . . . .	20.0505 . . . . .	50
HOME ECONOMICS, GENERAL . . . . .	19.0101 . . . . .	100
HOME ENTERTAINMENT EQ. REPAIRERS . . . . .	85708 . . . . .	78
HOME FURNISHINGS AIDE . . . . .	20.0506 . . . . .	50
HOME HEALTH AIDS . . . . .	66011 . . . . .	34
HOMEMAKER . . . . .	309.354-010 . . . . .	107
HOMEMAKER'S AIDE . . . . .	20.0606 . . . . .	93
HORSE HANDLING & CARE . . . . .	01.0507 . . . . .	18
HORTICULTURAL WORKER 1 . . . . .	405.684-014 . . . . .	14
HORTICULTURE SCIENCE . . . . .	02.0403 . . . . .	14
HORTICULTURE, GENERAL . . . . .	01.0601 . . . . .	14
HOSPITAL-ADMITTING CLERK . . . . .	205.362-018 . . . . .	63
HOSTS & HOSTESSES: REST., LOUNGE . . . . .	65002 . . . . .	104
HOTEL CLERK . . . . .	238.362-010 . . . . .	56
HOTEL DESK CLERKS . . . . .	53808 . . . . .	55
HOTEL/MOTEL MANAGEMENT . . . . .	06.0701 . . . . .	67
HOUSE WORKER, GENERAL . . . . .	301.474-010 . . . . .	94
HOUSEKEEPER . . . . .	321.137-010 . . . . .	94
HOUSEKEEPERS, INSTITUTIONAL . . . . .	61008 . . . . .	93
HUMAN RESOURCES DEVELOPMENT . . . . .	06.0601 . . . . .	64
INDIVIDUAL & FAMILY DEVELOPMENT, GENERAL . . . . .	19.0701 . . . . .	100
INDUSTRIAL ARTS EDUCATION . . . . .	13.1309 . . . . .	100
INDUSTRIAL ARTS, GENERAL . . . . .	21.0101 . . . . .	118
INDUSTRIAL ARTS, OTHER . . . . .	21.0199 . . . . .	118
INDUSTRIAL DESIGNER . . . . .	142.061-026 . . . . .	118
INDUSTRIAL ELECTRONICS . . . . .	47.0105 . . . . .	76
INDUSTRIAL ENGINEER . . . . .	012.167-030 . . . . .	118
INDUSTRIAL ENGINEERING . . . . .	14.1701 . . . . .	118
INDUSTRIAL ENGINEERING TECHN. . . . .	22508 . . . . .	118
INDUSTRIAL ENGINEERING TECHNICIAN . . . . .	012.267-010 . . . . .	118
INDUSTRIAL ENGINEERS,EXC. SAFETY . . . . .	22128 . . . . .	118
INDUSTRIAL MACHINERY MAINTENANCE & REPAIR . . . . .	47.0303 . . . . .	82
INDUSTRIAL PRODUCTION MANAGERS . . . . .	15014 . . . . .	66
INDUSTRIAL PRODUCTION TECHNOLOGIES, OTHER . . . . .	15.0699 . . . . .	118
INDUSTRIAL TECHNOLOGY . . . . .	15.0603 . . . . .	67
INDUSTRIAL TRUCK & TRACTOR OPER. . . . .	97947 . . . . .	95
INDUSTRIAL-TRUCK OPERATOR . . . . .	921.683-050 . . . . .	96
INFORMATION CLERK . . . . .	237.367-022 . . . . .	63
INFORMATION SCIENCES & SYSTEMS . . . . .	11.0401 . . . . .	70
INSPECTOR . . . . .	869.687-038 . . . . .	81
INSPECTOR, MOTOR VEHICLES . . . . .	168.267-058 . . . . .	96

TITLE	CODE #	PAGE #
INSTITUTIONAL MANAGEMENT, OTHER . . . . .	06.0799 . . . . .	107
INSTRUCTIONAL COORDINATORS . . . . .	31517 . . . . .	99
INSTRUCTOR, PHYSICAL . . . . .	153.227-014 . . . . .	101
INSTRUCTOR, SPORTS . . . . .	153.227-018 . . . . .	101
INSTRUCTOR, VOCATIONAL TRAINING . . . . .	097.227-014 . . . . .	101
INSTRUCTORS & COACHES, SPORTS . . . . .	31321 . . . . .	99
INSTRUCTORS, NONVOCATIONAL EDUC. . . . .	31317 . . . . .	99
INSTRUMENT MECHANIC . . . . .	710.281-026 . . . . .	89
INSULATION INSTALLATION . . . . .	46.0407 . . . . .	81
INSULATION WORKERS . . . . .	87802 . . . . .	80
INSURANCE ADJUSTERS, INVESTIGATOR . . . . .	53302 . . . . .	27
INSURANCE APPRAISERS, AUTO DAMAG . . . . .	53305 . . . . .	27
INSURANCE CLAIMS CLERKS . . . . .	53311 . . . . .	59
INSURANCE CLERK . . . . .	07.0203 . . . . .	27
INSURANCE CLERK . . . . .	214.362-022 . . . . .	61
INSURANCE EXAMINING CLERKS . . . . .	53308 . . . . .	59
INSURANCE MARKETING . . . . .	08.1001 . . . . .	50
INSURANCE POLICY PROCESS. CLERKS . . . . .	53314 . . . . .	59
INSURANCE SALES WORKERS . . . . .	43002 . . . . .	49
INTERIOR DESIGN . . . . .	04.0501 . . . . .	22
INTERIOR DESIGNERS . . . . .	34041 . . . . .	22
INTERNATIONAL RELATIONS . . . . .	45.0901 . . . . .	64
INTERVIEWING CLERKS, EX. PERSONNEL . . . . .	55332 . . . . .	59
INVENTORY CLERK . . . . .	222.387-026 . . . . .	61
INVESTIGATOR . . . . .	241.267-030 . . . . .	61
INVESTIGATORS, CLERICAL . . . . .	53505 . . . . .	59
IRONER . . . . .	302.687-010 . . . . .	91
JANITOR . . . . .	382.664-010 . . . . .	94
JANITORS & CLEANERS, EXC. MAIDS . . . . .	67005 . . . . .	93
JANITORS, CLEANERS, MAIDS . . . . .	67001 . . . . .	93
JEWELER . . . . .	700.281-010 . . . . .	115
JEWELERS & SILVERSITHS . . . . .	89123 . . . . .	115
JEWELRY DESIGN, FABRICATION, & REPAIR . . . . .	48.0602 . . . . .	115
JOB ANALYST . . . . .	166.267-018 . . . . .	64
JOB PRINTERS . . . . .	89705 . . . . .	23
JOURNALISM (MASS COMMUNICATIONS) . . . . .	09.0401 . . . . .	20
JUDGES & MAGISTRATES . . . . .	28102 . . . . .	64
KEYPUNCH OPERATOR . . . . .	203.582-030 . . . . .	69
KITCHEN HELPER . . . . .	318.687-010 . . . . .	103
KNITTING-MACHINE OPERATOR . . . . .	685.665-014 . . . . .	91
LABORATORY TESTER . . . . .	029.261-010 . . . . .	112
LABORER . . . . .	529.687-130 . . . . .	11
LABORER, CONSTRUCTION OR LEAK GANG . . . . .	862.684-014 . . . . .	89
LABORER, GENERAL . . . . .	754.687-010 . . . . .	54

TITLE	CODE #	PAGE #
LABORER, GENERAL	589.686-026	54
LABORER, GENERAL	559.567-010	54
LABORER, GENERAL	609.684-014	86
LABORER, GENERAL	509.686-010	87
LABORER, GRINDING AND POLISHING	705.687-014	86
LABORER, SALVAGE	929.687-022	113
LABORER, SHIPYARD	809.687-022	94
LABORER, STORES	922.687-058	96
LAND SURVEYOR	018.167-018	111
LANDSCAPE ARCHITECTS	22308	110
LANDSCAPE GARDENER	408.161-010	14
LANDSCAPING	01.0605	14
LATHE OPERATOR, PRODUCTION	604.685-026	86
LATHE, TURNING MACH.SETTER/OP,M/P	91105	85
LATHER	842.361-010	81
LAUNDRY LABORER	361.687-018	91
LAUNDRY WORKER 1	361.684-014	91
LAUNDRY WORKER 2	361.685-018	91
LAUNDRY, DRYCLEANING MACH. OPER.	92726	90
LAW	22.0101	64
LAW CLERKS	28302	64
LAW ENFORCEMENT	43.0107	74
LAWYER	110.107-010	64
LAWYERS	28108	64
LAY-OUT WORKER 1	809.281-010	87
LECTURERS	31111	99
LEGAL ASSISTING	22.0103	64
LEGAL SECRETARIAL	07.0604	65
LEGAL SECRETARIES	55102	65
LEGAL SECRETARY	201.362-010	65
LETTERPRESS SETTER/OPERATOR	92515	23
LIBERAL ARTS & SCIENCES	24.0101	42
LIBERAL/GENERAL STUDIES, OTHER	24.0199	42
LIBRARIAN	100.127-014	44
LIBRARIAN, SPECIAL LIBRARY	100.167-026	44
LIBRARIANS, PROFESSIONAL	31502	44
LIBRARY ASSISTANTS & BOOKMOBILE	53902	44
LICENSE CLERKS	53708	59
LICENSED PRACTICAL NURSES	32505	32
LIFE SCIENCE TEACHERS	31202	99
LINE ERECTOR	821.361-018	89
LINE MAINTAINER	821.261-014	89
LINE REPAIRER	821.361-026	89
LINE SUPERVISOR	821.131-014	89

TITLE	CODE #	PAGE #
LINEWORKER . . . . .	46.0303 . . . . .	88
LITERATURE, ENGLISH . . . . .	23.0801 . . . . .	42
LIVESTOCK . . . . .	02.0208 . . . . .	11
LIVESTOCK-YARD ATTENDANT . . . . .	410.674-018 . . . . .	11
LOAN & CREDIT CLERKS . . . . .	53121 . . . . .	59
LOAN INTERVIEWERS . . . . .	53111 . . . . .	26
LOAN OFFICER . . . . .	186.267-018 . . . . .	26
LOAN OFFICERS & COUNSELORS . . . . .	21108 . . . . .	26
LOCKSMITHING & SAFE REPAIR . . . . .	47.0403 . . . . .	115
LOCKSMITHS & SAFE REPAIRERS . . . . .	85923 . . . . .	115
LOCOMOTIVE ENGINEERS . . . . .	97305 . . . . .	95
LOCOMOTIVE FIRERS . . . . .	97311 . . . . .	95
LOG GRADERS & SCALERS . . . . .	79008 . . . . .	15
LOG HANDLING EQUIPMENT OPERATORS . . . . .	73008 . . . . .	15
LOG LOADER . . . . .	921.683-058 . . . . .	16
LOG SCALER . . . . .	455.487-010 . . . . .	16
LOG-CUT-OFF SAWYER, AUTOMATIC . . . . .	667.482-010 . . . . .	16
LOGGER, ALL-ROUND . . . . .	454.684-018 . . . . .	16
LOGGING . . . . .	03.0405 . . . . .	15
LOGGING TRACTOR OPERATORS . . . . .	73011 . . . . .	15
LOGGING-TRACTOR OPERATOR . . . . .	929.683-010 . . . . .	16
LOW PRESSURE BOILER OPERATOR . . . . .	92926 . . . . .	109
LUBRICATION SERVICER . . . . .	915.687-018 . . . . .	82
MACHINE BILLING, BOOKKEEPING, & COMPUTING . . . . .	07.0104 . . . . .	60
MACHINE BUILDERS . . . . .	93105 . . . . .	85
MACHINE FEEDERS & OFFBEARERS . . . . .	98502 . . . . .	52
MACHINE FORMING OPERATORS, M/P . . . . .	91321 . . . . .	85
MACHINE REPAIRER, MAINTENANCE . . . . .	626.281-010 . . . . .	86
MACHINE SET-UP OPERATOR . . . . .	600.380-018 . . . . .	86
MACHINE TOOL CUTTING OPER., M/P . . . . .	91117 . . . . .	85
MACHINE TOOL OPERATION/MACHINE SHOP . . . . .	48.0503 . . . . .	85
MACHINERY ERECTOR . . . . .	638.261-014 . . . . .	82
MACHINERY MAINTENANCE WORKERS . . . . .	85128 . . . . .	82
MACHINERY MECH.:UNDERGROUND MINE . . . . .	85117 . . . . .	119
MACHINERY MECHANICS: PLANT . . . . .	85118 . . . . .	82
MACHINIST . . . . .	600.280-022 . . . . .	86
MACHINIST APPRENTICE, AUTOMOTIVE . . . . .	600.280-030 . . . . .	86
MACHINIST, AUTOMOTIVE . . . . .	600.280-034 . . . . .	86
MACHINISTS . . . . .	89108 . . . . .	85
MAIDS & HOUSEKEEPING CLEANERS . . . . .	67002 . . . . .	93
MAIL CLERK . . . . .	209.587-026 . . . . .	63
MAIL CLERKS, EXC. MAIL MACHINE . . . . .	57302 . . . . .	62
MAIL HANDLER . . . . .	209.687-014 . . . . .	63
MAIL MACHINE OPERATORS . . . . .	56008 . . . . .	62

TITLE	CODE #	PAGE #
MAIN LINE STATION ENGINEERS . . . . .	97914 . . . . .	119
MAINTENANCE MECHANIC . . . . .	620.281-046 . . . . .	82
MAINTENANCE MECHANIC . . . . .	638.281-014 . . . . .	82
MAINTENANCE MECHANIC, TELEPHONE . . . . .	822.281-018 . . . . .	78
MAINTENANCE REPAIRER, BUILDING . . . . .	899.381-010 . . . . .	94
MAINTENANCE REPAIRER, FACTORY OR MILL . . . . .	899.281-014 . . . . .	81
MAINTENANCE REPAIRERS, GEN.UTIL. . . . .	85132 . . . . .	93
MAINTENANCE-MECHANIC HELPER . . . . .	638.684-018 . . . . .	86
MAINTENANCE-REPAIRER HELPER, FACTORY OR MILL . . . . .	899.684-022 . . . . .	94
MAJOR APPLIANCE REPAIR . . . . .	47.0106 . . . . .	78
MANAGEMENT ANALYST . . . . .	161.167-010 . . . . .	68
MANAGEMENT ANALYSTS . . . . .	21905 . . . . .	66
MANAGEMENT INFORMATION SYSTEMS . . . . .	06.1201 . . . . .	70
MANAGEMENT SCIENCE, GENERAL . . . . .	06.1303 . . . . .	67
MANAGEMENT TRAINEE . . . . .	189.167-018 . . . . .	51
MANAGER, ADVERTISING . . . . .	163.167-010 . . . . .	21
MANAGER, AUTOMOBILE SERVICE STATION . . . . .	185.167-014 . . . . .	68
MANAGER, BARBER OR BEAUTY SHOP . . . . .	187.167-058 . . . . .	68
MANAGER, CIRCULATION . . . . .	163.167-014 . . . . .	20
MANAGER, CREDIT AND COLLECTION . . . . .	168.167-054 . . . . .	68
MANAGER, CUSTOMER SERVICES . . . . .	187.167-082 . . . . .	68
MANAGER, DEPARTMENT . . . . .	299.137-010 . . . . .	51
MANAGER, ELECTRONIC DATA PROCESSING . . . . .	169.167-030 . . . . .	68
MANAGER, EMPLOYMENT . . . . .	166.167-030 . . . . .	68
MANAGER, FAST FOOD SERVICES . . . . .	185.137-010 . . . . .	68
MANAGER, FINANCIAL INSTITUTION . . . . .	186.117-038 . . . . .	68
MANAGER, FOOD SERVICE . . . . .	187.167-106 . . . . .	68
MANAGER, GOLF CLUB . . . . .	187.167-114 . . . . .	56
MANAGER, HOTEL OR MOTEL . . . . .	187.117-038 . . . . .	56
MANAGER, INDUSTRIAL ORGANIZATION . . . . .	189.117-022 . . . . .	68
MANAGER, LIQUOR ESTABLISHMENT . . . . .	187.167-126 . . . . .	51
MANAGER, LODGING FACILITIES . . . . .	320.137-014 . . . . .	68
MANAGER, MERCHANDISE . . . . .	185.167-034 . . . . .	51
MANAGER, OFFICE . . . . .	169.167-034 . . . . .	68
MANAGER, PARTS . . . . .	185.167-038 . . . . .	48
MANAGER, PROPERTY . . . . .	186.167-046 . . . . .	28
MANAGER, RECREATION ESTABLISHMENT . . . . .	187.117-042 . . . . .	68
MANAGER, RETAIL STORE . . . . .	185.167-046 . . . . .	51
MANAGER, SALES . . . . .	163.167-018 . . . . .	51
MANAGER, SERVICE DEPARTMENT . . . . .	187.167-142 . . . . .	68
MANAGER, THEATER . . . . .	187.167-154 . . . . .	56
MANAGER, TRAFFIC . . . . .	184.167-094 . . . . .	68
MANAGER, WAREHOUSE . . . . .	184.167-114 . . . . .	68
MANICURISTS . . . . .	68008 . . . . .	97

TITLE	CODE #	PAGE #
MANUFACTURER'S SERVICE REPRESENTATIVE . . . . .	638.261-018 . . . . .	84
MANUFACTURING ENGINEER . . . . .	012.167-042 . . . . .	54
MANUFACTURING/MATERIALS PROCESSING . . . . .	21.0107 . . . . .	53
MARINE MAINTENANCE . . . . .	49.0306 . . . . .	83
MARKER 2 . . . . .	920.687-126 . . . . .	54
MARKET-RESEARCH ANALYST 1 . . . . .	050.067-014 . . . . .	48
MARKETING MANAGEMENT . . . . .	06.1401 . . . . .	67
MARKETING OF BUSINESS OR PERSONAL SERVICES . . . . .	08.0203 . . . . .	50
MARKETING OF HOTEL/MOTEL SERVICES . . . . .	08.0902 . . . . .	55
MARKETING OF RECREATIONAL SERVICES . . . . .	08.0903 . . . . .	55
MARKETING, ADV., PUBLIC REL.MGRS . . . . .	13011 . . . . .	21
MARKETING, GENERAL . . . . .	08.0708 . . . . .	48
MARKING CLERKS . . . . .	58021 . . . . .	59
MATERIAL HANDLER . . . . .	929.687-030 . . . . .	96
MATERIAL HANDLING . . . . .	49.0203 . . . . .	96
MATHEMATICAL SCIENCE TEACHERS . . . . .	31224 . . . . .	99
MATHEMATICAL TECHNICIANS . . . . .	25323 . . . . .	116
MATHEMATICS & COMPUTER SCIENCE . . . . .	30.0801 . . . . .	70
MATHEMATICS EDUCATION . . . . .	13.1311 . . . . .	100
MATHEMATICS, GENERAL . . . . .	27.0101 . . . . .	116
MEAT CLERK . . . . .	222.684-010 . . . . .	103
MEAT CUTTER . . . . .	316.684-018 . . . . .	103
MEAT, POULTRY, FISH CUTTERS . . . . .	93938 . . . . .	102
MEATCUTTING . . . . .	48.0402 . . . . .	102
MECHANIC & REPAIRER HELPERS . . . . .	98102 . . . . .	83
MECHANIC, AIRCRAFT ACCESSORIES . . . . .	621.381-014 . . . . .	117
MECHANICAL CONTROL INSTAL.& REPR . . . . .	85928 . . . . .	52
MECHANICAL DESIGN TECHNOLOGY . . . . .	15.0805 . . . . .	114
MECHANICAL DRAFTING . . . . .	48.0105 . . . . .	114
MECHANICAL ENGINEER . . . . .	007.061-014 . . . . .	114
MECHANICAL ENGINEERING . . . . .	14.1901 . . . . .	114
MECHANICAL ENGINEERING TECHN. . . . .	22511 . . . . .	114
MECHANICAL ENGINEERS . . . . .	22135 . . . . .	114
MECHANICAL-ENGINEERING TECHNICIAN . . . . .	007.161-026 . . . . .	114
MECHANICAL-SHOVEL OPERATOR . . . . .	932.683-018 . . . . .	96
MECHANICS & REPAIRERS, OTHER . . . . .	47.9999 . . . . .	115
MED./CLINICAL LAB. TECHNICIANS . . . . .	32905 . . . . .	31
MED./CLINICAL LAB. TECHNOLOGISTS . . . . .	32902 . . . . .	31
MEDICAL APPLIANCE MAKERS . . . . .	89923 . . . . .	52
MEDICAL ASSISTANT . . . . .	079.367-010 . . . . .	34
MEDICAL ASSISTANTS . . . . .	66005 . . . . .	34
MEDICAL ASSISTING . . . . .	17.0503 . . . . .	65
MEDICAL RECORDS ADMINISTRATION . . . . .	18.0703 . . . . .	67
MEDICAL RECORDS TECHN.& TECHNOL. . . . .	32911 . . . . .	59

<b>TITLE</b>	<b>CODE #</b>	<b>PAGE #</b>
MEDICAL RECORDS TECHNOLOGY . . . . .	17.0506 . . . . .	60
MEDICAL SCIENTISTS . . . . .	24311 . . . . .	31
MEDICAL SECRETARIAL . . . . .	07.0605 . . . . .	65
MEDICAL SECRETARIES . . . . .	55105 . . . . .	65
MEDICAL SECRETARY . . . . .	201.362-014 . . . . .	65
MEDICAL SOCIAL WORK . . . . .	44.0702 . . . . .	107
MEDICAL TECHNOLOGIST . . . . .	078.361-014 . . . . .	31
MEDICAL TECHNOLOGY . . . . .	17.0310 . . . . .	31
MEDICAL-LABORATORY ASSISTANT . . . . .	078.381-010 . . . . .	31
MEDICAL-LABORATORY TECHNICIAN . . . . .	078.381-014 . . . . .	31
MEDICAL-RECORD CLERK . . . . .	245.362-010 . . . . .	61
MEDICINE & HEALTH SERV. MGRS . . . . .	15008 . . . . .	66
MENDERS, GARMENTS & LINENS . . . . .	85956 . . . . .	90
MENTAL HEALTH/HUMAN SERVICES ASSISTING . . . . .	17.0405 . . . . .	107
MENTAL HEALTH/HUMAN SERVICES TECHNOLOGY . . . . .	17.0406 . . . . .	37
MENTAL HEALTH/HUMAN SERVICES, OTHER . . . . .	17.0499 . . . . .	37
MERCHANDISE DISPLAYERS . . . . .	34044 . . . . .	22
MERCHANT PATROLLER . . . . .	372.667-038 . . . . .	74
MESSENGERS . . . . .	57311 . . . . .	62
METAL FABRICATION . . . . .	48.0504 . . . . .	87
METAL FABRICATOR . . . . .	619.360-014 . . . . .	87
METAL MOLDING, CASTING OPERATOR . . . . .	91911 . . . . .	87
METAL POURERS, BASIC SHAPES . . . . .	93941 . . . . .	87
METALLURGICAL ENGINEERING . . . . .	14.2001 . . . . .	120
METALLURGICAL TECHNICIAN . . . . .	011.261-010 . . . . .	120
METALLURGISTS & REL. ENGINEERS . . . . .	22105 . . . . .	119
METEOROLOGISTS . . . . .	24108 . . . . .	113
METER READER . . . . .	209.567-010 . . . . .	89
METER READERS, UTILITIES . . . . .	58014 . . . . .	88
MICROBIOLOGY . . . . .	26.0501 . . . . .	31
MICROCOMPUTER APPLICATIONS . . . . .	11.0601 . . . . .	70
MICROELECTRONIC ENGINEERING . . . . .	14.1002 . . . . .	76
MILLING-MACHINE OPERATOR, NUMERICAL CONTROL . . . . .	605.380-010 . . . . .	86
MILLWORK & CABINET MAKING . . . . .	48.0703 . . . . .	53
MILLWRIGHT . . . . .	638.281-018 . . . . .	82
MILLWRIGHT APPRENTICE . . . . .	638.281-022 . . . . .	82
MILLWRIGHTS . . . . .	85123 . . . . .	82
MINE CUTTING MACHINE OPERATORS . . . . .	87943 . . . . .	119
MINE EQUIPMENT MAINTENANCE & REPAIR . . . . .	47.0304 . . . . .	82
MINING & MINERAL ENGINEERING . . . . .	14.2101 . . . . .	120
MINING & RELATED MANAGERS . . . . .	15021 . . . . .	66
MINING ENGINEERS, INC. SAFETY . . . . .	22108 . . . . .	119
MINING EQUIPMENT OPERATION . . . . .	49.0204 . . . . .	120
MISC. CONSTRUCTION TRADES & PROPERTY MAINTENA . . . . .	46.0499 . . . . .	81

TITLE	CODE #	PAGE #
MISC. SPECIALIZED AREAS, LIFE SCIENCES, OTHER . . . . .	26.0699 . . . . .	37
MOBILE HEAVY EQUIPMENT MECHANICS . . . . .	85314 . . . . .	82
MOBILE HOME INSTALLER & REPAIRER . . . . .	85938 . . . . .	93
MOLDER . . . . .	518.361-010 . . . . .	87
MOLDERS & CASTERS, HAND . . . . .	93944 . . . . .	52
MOLDERS & SHAPERS, EXC. JEWELRY . . . . .	89905 . . . . .	85
MONOTYPE-KEYBOARD OPERATOR . . . . .	650.582-014 . . . . .	24
MORTGAGE CLERK . . . . .	249.382-010 . . . . .	61
MOTION PICTURE PROJECTIONISTS . . . . .	92905 . . . . .	23
MOTOR REPAIR . . . . .	47.0107 . . . . .	76
MOTOR-GRADER OPERATOR . . . . .	850.663-022 . . . . .	96
MOTORCYCLE REPAIRER . . . . .	620.281-054 . . . . .	84
MOTORCYCLE REPAIRERS . . . . .	85308 . . . . .	83
MULTI/INTERDISCIPLINARY STUDIES, OTHER . . . . .	30.9999 . . . . .	42
MUNICIPAL CLERKS . . . . .	53705 . . . . .	59
MUSIC EDUCATION . . . . .	13.1312 . . . . .	100
MUSIC PERFORMANCE . . . . .	50.0903 . . . . .	45
MUSIC, GENERAL . . . . .	50.0901 . . . . .	45
MUSICAL INSTRUMENT REPAIR . . . . .	47.0404 . . . . .	53
MUSICAL INSTRUMENT REPAIR & TUNE . . . . .	85921 . . . . .	115
MUSICIANS, INSTRUMENTAL . . . . .	34051 . . . . .	45
NEW ACCOUNTS CLERKS . . . . .	53105 . . . . .	59
NEW-ACCOUNTS CLERK . . . . .	205.362-026 . . . . .	61
NEW-CAR GET-READY MECHANIC . . . . .	806.361-026 . . . . .	84
NEWSCASTER . . . . .	131.267-010 . . . . .	20
NUCLEAR ENGINEERS . . . . .	22117 . . . . .	109
NUCLEAR MEDICINE TECHNOLOGISTS . . . . .	32914 . . . . .	35
NURSE AIDE . . . . .	355.674-014 . . . . .	34
NURSE, GENERAL DUTY . . . . .	075.374-010 . . . . .	39
NURSE, HEAD . . . . .	075.127-018 . . . . .	39
NURSE, INSTRUCTOR . . . . .	075.121-010 . . . . .	101
NURSE, LICENSED PRACTICAL . . . . .	079.374-014 . . . . .	32
NURSE, OFFICE . . . . .	075.374-014 . . . . .	39
NURSE, PRACTICAL . . . . .	354.374-010 . . . . .	32
NURSE, SUPERVISOR . . . . .	075.127-022 . . . . .	39
NURSERY OPERATION & MANAGEMENT . . . . .	01.0606 . . . . .	14
NURSERY SCHOOL ATTENDANT . . . . .	359.677-018 . . . . .	98
NURSERY WORKERS . . . . .	79005 . . . . .	14
NURSING AIDS & ORDERLIES . . . . .	66008 . . . . .	34
NURSING ASSISTING . . . . .	17.0602 . . . . .	34
NURSING INSTRUCTORS . . . . .	31114 . . . . .	99
NURSING, GENERAL . . . . .	18.1101 . . . . .	39
NURSING, OTHER . . . . .	18.1199 . . . . .	39
OCCUPATIONAL SAFETY & HEALTH TECHNOLOGY . . . . .	15.0701 . . . . .	113

TITLE	CODE #	PAGE #
OCCUPATIONAL THERAPIST . . . . .	076.121-010 . . . . .	36
OCCUPATIONAL THERAPISTS . . . . .	32305 . . . . .	36
OCCUPATIONAL THERAPY AIDE . . . . .	355.377-010 . . . . .	36
OCCUPATIONAL THERAPY ASSISTANT . . . . .	076.364-010 . . . . .	36
OCCUPATIONAL THERAPY ASSISTANTS . . . . .	66021 . . . . .	36
OFFICE HELPER . . . . .	239.567-010 . . . . .	61
OFFICE MACHINE,REGISTER SERVICER . . . . .	85926 . . . . .	78
OFFICE PRODUCTS & EQUIPMENT MARKETING . . . . .	08.0807 . . . . .	50
OFFICE SUPERVISION & MANAGEMENT . . . . .	07.0401 . . . . .	67
OFFICE-MACHINE SERVICER . . . . .	633.281-018 . . . . .	77
OFFSET LITHOGRAPHIC PRESS SETTER . . . . .	92512 . . . . .	23
OFFSET-DUPLICATING-MACHINE OPERATOR . . . . .	207.682-018 . . . . .	24
OFFSET-PRESS OPERATOR 1 . . . . .	651.482-010 . . . . .	24
OIL & GAS DRILLING EQUIP OPERATION & MAINTENA . . . . .	47.0305 . . . . .	120
OIL PUMPERS, EXCEPT WELL HEAD . . . . .	97908 . . . . .	119
OIL-FIELD EQUIPMENT MECHANIC . . . . .	629.381-014 . . . . .	120
OPERATING ENGINEER . . . . .	859.683-010 . . . . .	120
OPERATING ENGINEERS . . . . .	97956 . . . . .	95
OPERATIONS & SYSTEMS ANALYSTS . . . . .	25302 . . . . .	70
OPTICAL GOODS WORKERS . . . . .	89917 . . . . .	115
OPTICAL TECHNOLOGY . . . . .	15.0606 . . . . .	37
OPTICIANS, DISPENSING & MEASUR. . . . .	32514 . . . . .	37
OPTOMETRIC ASSISTANT . . . . .	079.364-014 . . . . .	38
OPTOMETRIC TECHNOLOGY . . . . .	17.0705 . . . . .	37
OPTOMETRISTS . . . . .	32108 . . . . .	37
ORDER CLERK . . . . .	249.367-054 . . . . .	51
ORDER CLERKS: MATERIALS, SERVICE . . . . .	55323 . . . . .	59
ORDER FILLERS, SALES . . . . .	58026 . . . . .	49
ORDERLY . . . . .	355.674-018 . . . . .	34
ORNAMENTAL-METAL WORKER . . . . .	619.260-008 . . . . .	87
OSTEOPATHIC PHYSICIAN . . . . .	071.101-010 . . . . .	40
OTHER INSPECTORS,TESTER,GRADER . . . . .	83004 . . . . .	52
OUTDOOR RECREATION . . . . .	31.0201 . . . . .	55
PACKAGER, HAND . . . . .	920.587-018 . . . . .	54
PACKAGER, MACHINE . . . . .	920.685-078 . . . . .	54
PACKAGING & FILLING MACHINE OPER . . . . .	92974 . . . . .	52
PACKER, AGRICULTURAL PRODUCE . . . . .	920.687-134 . . . . .	11
PAINTER . . . . .	840.381-010 . . . . .	81
PAINTER, SPRAY 1 . . . . .	741.684-026 . . . . .	54
PAINTER, SPRAY 2 . . . . .	741.687-018 . . . . .	54
PAINTER, TRANSPORTATION EQUIPMENT . . . . .	845.381-014 . . . . .	84
PAINTERS & PAPERHANGERS . . . . .	87402 . . . . .	80
PAINTERS, TRANSPORTATION EQUIP. . . . .	92947 . . . . .	83
PAINTING & COATING, HAND . . . . .	93947 . . . . .	52

TITLE	CODE #	PAGE #
PAINTING & DECORATING . . . . .	46.0408 . . . . .	81
PANTRY GOODS MAKER . . . . .	317.684-014 . . . . .	103
PAPER GOODS MACHINE SETTER/OPER. . . . .	92914 . . . . .	52
PARALEGAL ASSISTANT . . . . .	119.267-026 . . . . .	64
PARALEGAL PERSONNEL . . . . .	28305 . . . . .	64
PARKING ENFORCEMENT OFFICER . . . . .	375.587-010 . . . . .	74
PARKING ENFORCEMENT OFFICERS . . . . .	63021 . . . . .	74
PARKING LOT ATTENDANTS . . . . .	97808 . . . . .	93
PARKING-LOT ATTENDANT . . . . .	915.473-010 . . . . .	96
PARKS & RECREATION MANAGEMENT . . . . .	31.0301 . . . . .	55
PATTERN & MODEL MAKERS, WOOD . . . . .	89302 . . . . .	85
PAVING, SURFACING, TAMPING . . . . .	87708 . . . . .	95
PAYROLL & TIMEKEEPING CLERKS . . . . .	55341 . . . . .	59
PAYROLL CLERK . . . . .	215.482-010 . . . . .	61
PERIPHERAL EDP EQUIP. OPERATORS . . . . .	56014 . . . . .	69
PERSONNEL ASSISTING . . . . .	07.0503 . . . . .	64
PERSONNEL CLERKS, EXCEPT PAYROLL . . . . .	55314 . . . . .	59
PERSONNEL,TRAIN.,LABOR REL. SPEC . . . . .	21511 . . . . .	64
PERSONNEL,TRAINING,LABOR REL.MGR . . . . .	13005 . . . . .	64
PEST CONTROLLERS & ASSISTANTS . . . . .	67008 . . . . .	93
PETROLEUM ENGINEERING . . . . .	14.2501 . . . . .	120
PETROLEUM ENGINEERS . . . . .	22111 . . . . .	119
PETROLEUM PUMP SYSTEM OPERATORS . . . . .	95011 . . . . .	119
PETROLEUM REFINERY OPERATORS . . . . .	95014 . . . . .	119
PETROLEUM TECHNICIANS & TECHNOL. . . . .	24511 . . . . .	119
PETROLEUM TECHNOLOGY . . . . .	15.0903 . . . . .	120
PETROLEUM WHOLESALING . . . . .	08.1204 . . . . .	50
PHARMACIST . . . . .	074.161-010 . . . . .	38
PHARMACISTS . . . . .	32517 . . . . .	37
PHARMACY . . . . .	18.1401 . . . . .	37
PHARMACY ASSISTANTS . . . . .	66026 . . . . .	37
PHARMACY HELPER . . . . .	074.387-010 . . . . .	38
PHILOSOPHY . . . . .	38.0101 . . . . .	43
PHOTOENGRAVING & LITH. PHOTOGRA. . . . .	92521 . . . . .	23
PHOTOENGRAVING & LITHOG. OPER. . . . .	92545 . . . . .	23
PHOTOGRAPH FINISHER . . . . .	976.487-010 . . . . .	24
PHOTOGRAPHER, LITHOGRAPHIC . . . . .	972.382-014 . . . . .	24
PHOTOGRAPHERS . . . . .	34023 . . . . .	23
PHOTOGRAPHIC LABORATORY & DARKROOM . . . . .	48.0207 . . . . .	23
PHOTOGRAPHIC PROCESS WORKERS . . . . .	89914 . . . . .	23
PHOTOGRAPHIC PROCESSING MACH.OP. . . . .	92908 . . . . .	23
PHOTOTYPESETTER OPERATOR . . . . .	650.582-022 . . . . .	24
PHYSICAL EDUCATION . . . . .	13.1314 . . . . .	100
PHYSICAL THERAPIST . . . . .	076.121-014 . . . . .	36

TITLE	CODE #	PAGE #
PHYSICAL THERAPISTS . . . . .	32308 . . . . .	36
PHYSICAL THERAPY . . . . .	17.0813 . . . . .	36
PHYSICAL THERAPY AIDE . . . . .	355.354-010 . . . . .	36
PHYSICAL THERAPY ASSISTING . . . . .	17.0815 . . . . .	36
PHYSICAL, CORRECT.THERAPY ASSIST . . . . .	66017 . . . . .	36
PHYSICIAN ASSISTANTS . . . . .	32511 . . . . .	37
PHYSICIANS & SURGEONS . . . . .	32102 . . . . .	40
PHYSICISTS & ASTRONOMERS . . . . .	24102 . . . . .	116
PHYSICS TEACHERS . . . . .	31206 . . . . .	99
PHYSICS, GENERAL . . . . .	40.0801 . . . . .	116
PILE DRIVING OPERATORS . . . . .	87705 . . . . .	95
PILOT-CONTROL OPERATOR . . . . .	559.382-046 . . . . .	112
PINSETTER MECHANIC, AUTOMATIC . . . . .	638.261-022 . . . . .	77
PIPE COVERER AND INSULATOR . . . . .	863.381-014 . . . . .	84
PIPE FITTER . . . . .	862.261-010 . . . . .	84
PIPE FITTER . . . . .	862.381-018 . . . . .	81
PIPEFITTING & STEAMFITTING . . . . .	46.0502 . . . . .	81
PIPELAYERS . . . . .	87508 . . . . .	80
PIPELAYING FITTERS . . . . .	87505 . . . . .	80
PLANT PATHOLOGY . . . . .	26.0305 . . . . .	14
PLASTERER . . . . .	842.361-018 . . . . .	81
PLASTERERS & STUCCO MASONS . . . . .	87317 . . . . .	80
PLASTERING . . . . .	46.0409 . . . . .	81
PLASTIC MOLDING, CASTING OPER. . . . .	91905 . . . . .	85
PLAYROOM ATTENDANT . . . . .	359.677-026 . . . . .	98
PLUMBER . . . . .	862.381-030 . . . . .	81
PLUMBER APPRENTICE . . . . .	862.381-034 . . . . .	81
PLUMBER, PIPEFITTER, STEAMFITTER . . . . .	87502 . . . . .	80
PLUMBING . . . . .	46.0503 . . . . .	88
PODIATRISTS . . . . .	32111 . . . . .	40
POLICE & DETECTIVE SUPERVISORS . . . . .	61005 . . . . .	74
POLICE DETECTIVES . . . . .	63011 . . . . .	74
POLICE OFFICER 1 . . . . .	375.263-014 . . . . .	74
POLICE PATROL OFFICERS . . . . .	63014 . . . . .	74
POLICY-CHANGE CLERK . . . . .	219.362-042 . . . . .	27
POLISHING-MACHINE OPERATOR . . . . .	603.682-026 . . . . .	86
POLITICAL SCIENCE & GOVERNMENT . . . . .	45.1001 . . . . .	64
POSTAL MAIL CARRIERS . . . . .	57305 . . . . .	62
POSTAL SERVICE CLERKS . . . . .	57308 . . . . .	62
POSTMASTERS, MAIL SUPERINTENDENT . . . . .	15002 . . . . .	66
POULTRY-DRESSING WORKER . . . . .	525.687-082 . . . . .	103
POWER DISTRIBUTORS & DISPATCHERS . . . . .	95028 . . . . .	109
POWER GENERATING PLANT OPERATOR . . . . .	95021 . . . . .	109
POWER-PLANT OPERATOR . . . . .	952.382-018 . . . . .	109

TITLE	CODE #	PAGE #
POWER-SHOVEL OPERATOR . . . . .	850.683-030 . . . . .	120
POWERHOUSE & RELAY ELECTRICIANS . . . . .	85721 . . . . .	88
POWERHOUSE MECHANIC . . . . .	631.261-014 . . . . .	109
PRACTICAL NURSING . . . . .	17.0605 . . . . .	32
PRE-ELEMENTARY EDUCATION . . . . .	13.1204 . . . . .	100
PRE-LAW . . . . .	22.0102 . . . . .	64
PRECISION COMPOSITOR, TYPESETTER . . . . .	89702 . . . . .	23
PRECISION ETCHERS & ENGRAVERS . . . . .	89128 . . . . .	115
PRECISION HAND WORKERS, JEWELRY . . . . .	89126 . . . . .	115
PRECISION INSP&C.,TESTERS,&GRADE . . . . .	83002 . . . . .	115
PRECISION INSTRUMENT REPAIRERS . . . . .	85905 . . . . .	115
PRECISION LITHOGRAPHERS & PHOTO. . . . .	89708 . . . . .	23
PRECISION METAL WORK, GENERAL . . . . .	48.0501 . . . . .	87
PRECISION PRODUCTION, OTHER . . . . .	48.9999 . . . . .	115
PRECISION WORK, ASSORTED MATERIALS, OTHER . . . . .	48.0699 . . . . .	53
PRECISION-LENS GRINDER . . . . .	716.382-018 . . . . .	115
PRESCRIPTION CLERK, LENS-AND-FRAMES . . . . .	222.367-050 . . . . .	54
PRESIDENT . . . . .	189.117-026 . . . . .	68
PRESS, BRAKE MACH.SETTER/OP.,M/P . . . . .	91305 . . . . .	85
PRESSER, HAND . . . . .	363.684-018 . . . . .	91
PRESSER, MACHINE . . . . .	363.682-018 . . . . .	91
PRESSERS, DELICATE FABRICS . . . . .	89517 . . . . .	90
PRESSERS,HAND . . . . .	93921 . . . . .	90
PRESSING MACH.OPERATOR, TEXTILES . . . . .	92728 . . . . .	90
PRINCIPAL . . . . .	099.117-018 . . . . .	101
PRINTER 2 . . . . .	651.380-010 . . . . .	24
PRINTER OPERATOR, BLACK-AND-WHITE . . . . .	976.682-014 . . . . .	24
PRINTING PRESS MACHINE OPERATOR . . . . .	92543 . . . . .	23
PRINTING PRESS OPERATIONS . . . . .	48.0208 . . . . .	23
PRINTMAKING . . . . .	50.0710 . . . . .	22
PRIVATE DETECTIVE & INVESTIGATOR . . . . .	63035 . . . . .	74
PRIVATE-BRANCH-EXCHANGE INSTALLER . . . . .	822.381-018 . . . . .	89
PROCUREMENT CLERKS . . . . .	55326 . . . . .	59
PROD.,DIRECT.,ACTORS,ENTERTAINER . . . . .	34056 . . . . .	45
PRODUCTION CLERK . . . . .	221.382-018 . . . . .	61
PRODUCTION PLANNER . . . . .	012.167-050 . . . . .	48
PRODUCTION SUPERINTENDENT . . . . .	183.117-014 . . . . .	48
PRODUCTION, EXPEDITING CLERKS . . . . .	58008 . . . . .	62
PRODUCTION-MACHINE TENDER . . . . .	609.685-018 . . . . .	86
PROGRAM AIDE, GROUP WORK . . . . .	195.227-010 . . . . .	107
PROGRAM DIRECTOR, GROUP WORK . . . . .	187.117-046 . . . . .	107
PROGRAM MANAGER . . . . .	189.167-030 . . . . .	68
PROGRAMER, BUSINESS . . . . .	020.162-014 . . . . .	70
PROGRAMER, DETAIL . . . . .	219.367-026 . . . . .	70

TITLE	CODE #	PAGE #
PROGRAMER, INFORMATION SYSTEM	020.187-010	70
PROGRAMER, PROCESS CONTROL	020.187-014	70
PROGRAMMERS: NUMERICAL, TOOL	25111	70
PROOF-MACHINE OPERATOR	217.382-010	61
PROOFREADER	209.387-030	24
PROOFREADERS & COPY MARKERS	53911	20
PROPERTY, REAL ESTATE MANAGEMENT	15011	28
PROSPECTING DRILLER	930.382-018	120
PSYCHIATRIC AIDE	355.377-014	38
PSYCHIATRIC AIDS	66014	37
PSYCHOLOGIST, CLINICAL	045.107-022	40
PSYCHOLOGISTS	27108	37
PSYCHOLOGY, GENERAL	42.0101	37
PUBLIC ADMIN., LEG., GEN. ADMIN.	19002	66
PUBLIC ADMINISTRATION	44.0401	67
PUBLIC AFFAIRS, GENERAL	44.0101	67
PUBLIC AFFAIRS, OTHER	44.9999	67
PUBLIC HEALTH PRACTICE & MANAGEMENT	18.2204	113
PUBLIC RELATIONS SPECIALISTS	34008	21
PUBLIC-RELATIONS REPRESENTATIVE	165.067-010	68
PUMP OPERATORS	97953	119
PUMPER-GAGER	914.382-014	120
PUMPING PLANTS	47.0504	113
PUNCH-PRESS OPERATOR 1	615.482-022	86
PUNCHING MACH. SETTER/OPER., M/P	91302	85
PURCHASING AGENT	162.157-038	51
PURCHASING AGENT EX.WHO/RET/FARM	21308	12
PURCHASING AGENTS & BUYERS, FARM	21305	12
PURCHASING MANAGERS	13008	48
PURE MATHEMATICS	27.0401	116
QUALITY-CONTROL TECHNICIAN	012.261-014	54
QUALITY-CONTROL TECHNICIAN	529.387-030	103
RADIO MECHANIC	823.261-018	78
RADIO MECHANICS	85514	76
RADIO OPERATORS	39008	62
RADIO REPAIRER	720.281-010	77
RADIO, TELEVISION, GENERAL	09.0701	20
RADIO/TELEVISION PROD. & BROADCASTING TECHNOL	10.0104	20
RADIOGRAPHER	199.361-010	118
RADIOLOGIC (MEDICAL) TECHNOLOGY	17.0209	35
RADIOLOGIC TECHNOL. & TECHNICIANS	32916	35
RADIOLOGIC TECHNOLOGIST	078.362-026	36
RAIL CAR REPAIRERS	85317	83
RAIL YARD ENGINEERS,DINKEY OPER.	97308	95

TITLE	CODE #	PAGE #
RAIL-TRACK LAYING EQUIP. OPER.	87714	95
RAILROAD BRAKE, SIGNAL, SWITCH	97317	95
RAILROAD CONDUCTORS, YARDMASTERS	97302	95
RAILROAD POLICE & SPECIAL AGENTS	63038	74
RANGE MANAGEMENT	02.0409	12
RATER	214.482-022	27
READING EDUCATION	13.1315	100
REAL ESTATE	06.1701	28
REAL ESTATE APPRAISERS	43011	28
REAL ESTATE CLERKS	53914	59
RECEPTIONIST	237.367-038	63
RECEPTIONIST & COMMUNICATION SYSTEMS OPERATIO	07.0707	62
RECEPTIONISTS,INFORMATION CLERKS	55305	62
RECREATION SUPERVISOR	187.137-010	56
RECREATION THERAPISTS	32317	36
RECREATION WORKERS	27311	55
RECREATION-FACILITY ATTENDANT	341.367-010	56
RECREATIONAL ENTERPRISES MANAGEMENT	06.0702	67
RECREATIONAL PRODUCTS MARKETING	08.0904	50
REFINERY OPERATOR	549.260-010	120
REFRIGERATION MECHANIC	637.261-026	78
REFUSE COLLECTORS	98705	113
REGISTERED NURSES	32502	39
REHABILITATION COUNSELING	17.0407	107
REHABILITATION SERVICES, OTHER	17.0899	36
REINFORCING METAL WORKERS	87314	87
RELIGION	38.0201	106
RELIGIOUS EDUCATION	39.0401	106
RENEWABLE NATURAL RESOURCES, GENERAL	03.0101	113
RENEWABLE NATURAL RESOURCES, OTHER	03.9999	113
REPAIRER, HEAVY	620.381-022	84
REPORTER	131.267-018	20
REPORTERS & CORRESPONDENTS	34011	20
RESAW OPERATOR	667.682-058	16
RESERVATION & TRANS.TICKET AGENT	53805	55
RESIDENCE SUPERVISOR	187.167-186	107
RESPIRATORY THERAPIST	079.361-010	36
RESPIRATORY THERAPISTS	32302	36
RESPIRATORY THERAPY	17.0818	36
RESPIRATORY THERAPY ASSISTING	17.0819	36
RESPIRATORY THERAPY TECHNOLOGY	17.0210	36
RESTAURANT MANAGEMENT	06.0704	67
RETAILING	08.0705	50
RIGGERS	85935	82

TITLE	CODE #	PAGE #
ROASTING,DRYING OPER., FOOD/TOB.	92921	52
ROBOTICS TECHNOLOGY	15.0405	76
ROOF BOLTERS	87923	119
ROOFER	866.381-010	81
ROOFERS	87808	80
ROOFING	46.0410	81
ROTARY DRILL OPERATORS	87911	119
ROTARY DRILLER	930.382-026	120
ROTARY-DRILLER HELPER	930.684-026	120
ROUSTABOUT	869.684-046	120
ROUSTABOUTS	87921	119
RUSSIAN	16.0402	42
SAFETY ENGINEERS, EXCEPT MINING	22132	113
SAFETY MANAGER	012.167-058	113
SALES	08.0706	50
SALES AGENT, FINANCIAL-REPORT SERVICE	251.357-014	51
SALES AGENT, INSURANCE	250.257-010	51
SALES AGENT, REAL ESTATE	250.357-018	51
SALES AGENTS, ADVERTISING	43023	21
SALES AGENTS, BUSINESS SERVICES	43017	49
SALES AGENTS, REAL ESTATE	43008	28
SALES CLERK	290.477-014	51
SALES CLERK, FOOD	290.477-018	51
SALES ENGINEERS	49002	49
SALES REPRESENTATIVE, ADVERTISING	254.357-014	51
SALES REPRESENTATIVE, COMPUTERS AND EDP SYSTE	275.257-010	51
SALES REPRESENTATIVE, CONSTRUCTION MACHINERY	274.357-022	51
SALES REPRESENTATIVE, GENERAL MERCHANDISE	279.357-014	51
SALES REPRESENTATIVE, MOTOR VEHICLES AND SUPP	273.357-022	51
SALES REPRESENTATIVE, OFFICE MACHINES	275.357-034	51
SALES REPS,SCIENTIF.PROD.EXC.RET	49005	49
SALES REPS.EXC.SCIENTIF & RETAIL	49008	49
SALESPERSON, AUTOMOBILES	273.353-010	51
SALESPERSON, BOOKS	277.357-034	51
SALESPERSON, GENERAL HARDWARE	279.357-050	51
SALESPERSON, GENERAL MERCHANDISE	279.357-054	51
SALESPERSON, MEN'S AND BOYS' CLOTHING	261.357-050	51
SALESPERSON, MEN'S FURNISHINGS	261.357-054	51
SALESPERSON, PARTS	279.357-062	51
SALESPERSON, SHOES	261.357-062	51
SALESPERSON, WOMEN'S APPAREL AND ACCESSORIES	261.357-066	51
SALESPERSONS, PARTS	49014	49
SALESPERSONS, RETAIL	49011	49
SANITARY ENGINEER	005.061-030	113

TITLE	CODE #	PAGE #
SAW FILER . . . . .	701.381-014 . . . . .	86
SAWING MACH. TOOL SETTER/OP.,M/P . . . . .	91102 . . . . .	85
SAWING MACHINE SETTER/OPERATOR . . . . .	92302 . . . . .	85
SAWING MACHINING OPERATOR/TENDER . . . . .	92308 . . . . .	85
SAWMILL WORKER . . . . .	667.686-014 . . . . .	16
SCHOOL FOOD SERVICE . . . . .	20.0408 . . . . .	102
SCHOOL PSYCHOLOGY . . . . .	13.0801 . . . . .	100
SCIENCE EDUCATION . . . . .	13.1316 . . . . .	100
SCREEN PRINTING MACH. SETTER/OP. . . . .	92524 . . . . .	23
SCREW-MACHINE SET-UP OPERATOR, MULTIPLE SPIND . . . . .	604.280-014 . . . . .	86
SCULPTURE . . . . .	50.0709 . . . . .	22
SECONDARY EDUCATION . . . . .	13.1205 . . . . .	100
SECRETARIAL . . . . .	07.0606 . . . . .	65
SECRETARIAL & RELATED PROGRAMS, GENERAL . . . . .	07.0601 . . . . .	65
SECRETARIAL & RELATED PROGRAMS, OTHER . . . . .	07.0699 . . . . .	65
SECRETARY . . . . .	201.362-030 . . . . .	65
SECURITIES, FINANCIAL SERV.SALES . . . . .	43014 . . . . .	26
SECURITY OFFICER . . . . .	189.167-034 . . . . .	74
SECURITY SERVICES . . . . .	43.0109 . . . . .	74
SEPARATING, FILTERING MACH. OP. . . . .	92962 . . . . .	52
SERVICE CLERK . . . . .	221.367-070 . . . . .	91
SERVICE MANAGER . . . . .	185.167-058 . . . . .	51
SERVICE STATION ATTENDANTS . . . . .	97805 . . . . .	83
SERVICE STATION RETAILING . . . . .	08.1206 . . . . .	50
SERVICE UNIT OPERATORS . . . . .	87917 . . . . .	119
SEWER, HAND . . . . .	782.684-058 . . . . .	91
SEWERS, HAND . . . . .	93923 . . . . .	90
SEWING MACH. OPER., NON-GARMENT . . . . .	92721 . . . . .	90
SEWING MACH. OPERATOR, GARMENT . . . . .	92717 . . . . .	90
SEWING-MACHINE OPERATOR . . . . .	783.682-014 . . . . .	91
SEWING-MACHINE OPERATOR . . . . .	787.682-046 . . . . .	91
SEWING-MACHINE REPAIRER . . . . .	639.281-018 . . . . .	78
SHEEP HERDER . . . . .	410.687-022 . . . . .	18
SHEET METAL DUCT INSTALLERS . . . . .	87805 . . . . .	87
SHEET METAL WORKERS . . . . .	89132 . . . . .	87
SHEET-METAL WORKER . . . . .	804.281-010 . . . . .	87
SHERIFFS, DEPUTIES, US MARSHALLS . . . . .	63031 . . . . .	74
SHIPFITTER . . . . .	806.381-046 . . . . .	87
SHIPPING AND RECEIVING CLERK . . . . .	222.387-050 . . . . .	61
SHIPPING, RECEIVING, & STOCK CLERK . . . . .	07.0708 . . . . .	60
SHIRT PRESSER . . . . .	363.685-026 . . . . .	91
SHOE & LEATHER WORKERS . . . . .	89511 . . . . .	90
SHOE SEWING MACHINE OPERATOR . . . . .	92723 . . . . .	90
SIGN LANGUAGE INTERPRETING . . . . .	17.0410 . . . . .	100

<b>TITLE</b>	<b>CODE #</b>	<b>PAGE #</b>
SIGNAL OR TRACK SWITCH MAINT.	85511	82
SILK FINISHER	363.681-010	91
SILK SCREEN MAKING & PRINTING	48.0209	23
SKI-BINDING FITTER-AND-REPAIRER	732.364-014	56
SLAUGHTERING & BUTCHERING	48.0403	102
SMALL APPLIANCE REPAIR	47.0108	78
SMALL BUSINESS MANAGEMENT & OWNERSHIP	06.1801	48
SMALL ENGINE REPAIR	47.0606	83
SMALL ENGINE SPECIALISTS	85328	83
SMALL-ENGINE MECHANIC	625.281-034	84
SOCIAL GROUP WORKER	195.107-022	107
SOCIAL SCIENCE EDUCATION	13.1317	100
SOCIAL SCIENCE TEACHERS	31210	99
SOCIAL SCIENCES, GENERAL	45.0101	46
SOCIAL SCIENCES, OTHER	45.9999	46
SOCIAL SERVICE TECHNICIANS	27308	107
SOCIAL STUDIES EDUCATION	13.1318	100
SOCIAL WELFARE SERVICE AIDES	68034	107
SOCIAL WORK, GENERAL	44.0701	107
SOCIAL WORK, OTHER	44.0799	107
SOCIAL WORKER, MEDICAL	195.107-030	107
SOCIAL WORKERS	27310	107
SOCIOLOGIST	054.067-014	107
SOCIOLOGY	45.1101	46
SOIL SCIENCES	02.0501	12
SORTER	209.687-022	61
SORTER, AGRICULTURAL PRODUCE	529.687-186	11
SOUND RECORDING TECHNOLOGY	10.0105	20
SPANISH	16.0905	42
SPECIAL AGENT	166.167-046	27
SPECIAL AGENTS, INSURANCE	21505	27
SPECIAL EDUCATION, GENERAL	13.1001	100
SPECIFIC LEARNING DISABILITIES	13.1011	100
SPEECH PATHOLOGIST	076.107-010	38
SPEECH PATHOLOGISTS,AUDIOLOGISTS	32314	37
SPEECH, DEBATE, & FORENSICS	23.1001	42
SPORTING-GOODS EQUIPMENT REPAIR	47.0407	53
SPORTS-EQUIPMENT REPAIRER	732.684-122	56
SPOTTERS, DRY CLEANING	89514	90
STATEMENT CLERKS	53126	59
STATIONARY ENGINEER	950.382-026	96
STATIONARY ENGINEERS	95032	109
STATISTICAL CLERK	216.382-062	61
STATISTICAL CLERKS	55328	59

TITLE	CODE #	PAGE #
STATISTICIANS . . . . .	25312 . . . . .	116
STATISTICS . . . . .	27.0501 . . . . .	116
STENOGRAPHER . . . . .	202.362-014 . . . . .	61
STENOGRAPHERS . . . . .	55302 . . . . .	59
STENOGRAPHIC . . . . .	07.0607 . . . . .	60
STITCHER, STANDARD MACHINE . . . . .	690.682-082 . . . . .	91
STOCK CLERK . . . . .	222.387-058 . . . . .	104
STOCK CLERK, SELF-SERVICE STORE . . . . .	299.367-014 . . . . .	51
STOCK CLERKS, SALES FLOOR . . . . .	49021 . . . . .	59
STOCK CLERKS: STOCKROOM OR WAREH. . . . .	58023 . . . . .	59
STONE MASONS . . . . .	87305 . . . . .	80
STRIPPER . . . . .	971.381-050 . . . . .	24
STRUCTURAL ENGINEER . . . . .	005.061-034 . . . . .	111
STRUCTURAL METAL FABRICATORS . . . . .	91714 . . . . .	87
STRUCTURAL METAL WORKERS . . . . .	87814 . . . . .	87
STUDENT COUNSELING & PERSONNEL SERVICES . . . . .	13.1101 . . . . .	100
SUBSTATION OPERATOR . . . . .	952.362-026 . . . . .	89
SUPERINTENDENT, DRILLING AND PRODUCTION . . . . .	181.167-014 . . . . .	120
SUPERMARKET MARKETING . . . . .	08.0604 . . . . .	50
SUPERVISOR . . . . .	188.137-010 . . . . .	68
SUPERVISOR, AUTOMOBILE ASSEMBLY . . . . .	806.134-010 . . . . .	87
SUPERVISOR, ELECTRONICS . . . . .	726.130-010 . . . . .	77
SUPERVISOR, FEED MILL . . . . .	529.132-054 . . . . .	11
SUPERVISOR, JANITORIAL SERVICES . . . . .	381.137-010 . . . . .	94
SUPERVISOR, LAUNDRY . . . . .	361.137-010 . . . . .	91
SUPERVISOR, LINE . . . . .	619.130-030 . . . . .	86
SUPERVISOR, LIVESTOCK-YARD . . . . .	410.134-010 . . . . .	11
SUPERVISOR, PRINTING-SHOP . . . . .	659.130-010 . . . . .	24
SUPERVISOR, TRUST ACCOUNTS . . . . .	219.132-014 . . . . .	26
SURGICAL TECHNICIAN . . . . .	079.374-022 . . . . .	33
SURGICAL TECHNICIANS . . . . .	32928 . . . . .	33
SURGICAL TECHNOLOGY . . . . .	17.0211 . . . . .	33
SURVEY WORKER . . . . .	205.367-054 . . . . .	63
SURVEYING & MAPPING SCIENTISTS . . . . .	22311 . . . . .	110
SURVEYING & MAPPING TECHNICIAN . . . . .	22521 . . . . .	110
SURVEYING & MAPPING TECHNOLOGY . . . . .	15.0203 . . . . .	110
SURVEYOR ASSISTANT, INSTRUMENTS . . . . .	018.167-034 . . . . .	111
SURVEYOR HELPER . . . . .	869.567-010 . . . . .	111
SWITCHBOARD OPERATOR . . . . .	952.362-038 . . . . .	89
SWITCHBOARD OPERATORS . . . . .	57102 . . . . .	62
SYSTEMS ANALYST, ELECTRONIC DATA PROCESSING . . . . .	012.167-066 . . . . .	70
TANK CAR & TRUCK LOADERS . . . . .	97905 . . . . .	95
TANK-TRUCK DRIVER . . . . .	903.683-018 . . . . .	96
TAPER . . . . .	842.664-010 . . . . .	81

<b>TITLE</b>	<b>CODE #</b>	<b>PAGE #</b>
TAPERS . . . . .	87111 . . . . .	80
TAX EXAMINER, COLLECTOR, REV. AGENT . . . . .	21914 . . . . .	26
TAX PREPARERS . . . . .	21111 . . . . .	26
TAXATION . . . . .	06.1901 . . . . .	58
TAXI DRIVER . . . . .	913.463-018 . . . . .	96
TAXI DRIVERS & CHAUFFEURS . . . . .	97114 . . . . .	95
TEACHER AIDE 1 . . . . .	099.327-010 . . . . .	101
TEACHER AIDE 2 . . . . .	249.367-074 . . . . .	101
TEACHER AIDS & EDUCATION ASSISTANTS . . . . .	53904 . . . . .	99
TEACHER ASSISTING . . . . .	13.1501 . . . . .	100
TEACHER EDUCATION, SPEC. SUBJECT AREAS OTHER . . . . .	13.1399 . . . . .	100
TEACHER, ELEMENTARY SCHOOL . . . . .	092.227-010 . . . . .	101
TEACHER, HANDICAPPED STUDENTS . . . . .	094.227-018 . . . . .	101
TEACHER, KINDERGARTEN . . . . .	092.227-014 . . . . .	101
TEACHER, PRESCHOOL . . . . .	092.227-018 . . . . .	98
TEACHER, SECONDARY SCHOOL . . . . .	091.227-010 . . . . .	101
TEACHERS AIDS, PARAPROFESSIONAL . . . . .	31521 . . . . .	99
TEACHERS, ELEMENTARY . . . . .	31305 . . . . .	99
TEACHERS, SECONDARY SCHOOL . . . . .	31308 . . . . .	99
TEACHERS, SPECIAL EDUCATION . . . . .	31311 . . . . .	99
TEACHERS, VOCATIONAL EDUCATION . . . . .	31314 . . . . .	99
TEACHERS, PRESCHOOL & KINDERGARTN . . . . .	31302 . . . . .	99
TECHNICAL ASSISTANTS, LIBRARY . . . . .	31505 . . . . .	44
TECHNICAL EDUCATION . . . . .	13.1319 . . . . .	100
TECHNICAL WRITERS . . . . .	34005 . . . . .	21
TELECOMMUNICATIONS . . . . .	09.0801 . . . . .	88
TELEGRAPH & TELETYPE OPERATORS . . . . .	57111 . . . . .	62
TELEPH. STATION INSTALL.& REPAIR . . . . .	85726 . . . . .	88
TELEPHONE & CABLE TV INSTAL/RPR. . . . .	85702 . . . . .	88
TELEPHONE OPERATOR . . . . .	235.662-022 . . . . .	63
TELEPHONE SOLICITOR . . . . .	299.357-014 . . . . .	63
TELEPHONE-ANSWERING-SERVICE OPERATOR . . . . .	235.662-026 . . . . .	63
TELEVISION-AND-RADIO REPAIRER . . . . .	720.281-018 . . . . .	77
TELLER . . . . .	211.362-018 . . . . .	26
TELLER . . . . .	07.0205 . . . . .	60
TELLERS . . . . .	53102 . . . . .	59
TERMINAL OPERATOR . . . . .	203.582-054 . . . . .	69
TEXTILE MACHINE OPERATORS . . . . .	92705 . . . . .	90
THEOLOGICAL STUDIES . . . . .	39.0601 . . . . .	106
TICKET AGENT . . . . .	238.367-026 . . . . .	56
TICKET TAKER . . . . .	344.667-010 . . . . .	56
TIMBER-SIZER OPERATOR . . . . .	665.482-018 . . . . .	16
TIRE RECAPPER . . . . .	750.685-014 . . . . .	54
TIRE REPAIRER . . . . .	915.684-010 . . . . .	84

TITLE	CODE #	PAGE #
TIRE REPAIRERS & CHANGERS . . . . .	85953 . . . . .	83
TITLE EXAMINER . . . . .	119.287-010 . . . . .	64
TITLE EXAMINERS & ABSTRACTORS . . . . .	28311 . . . . .	64
TITLE SEARCHER . . . . .	209.367-046 . . . . .	61
TITLE SEARCHERS . . . . .	28308 . . . . .	28
TOOL AND DIE MAKERS . . . . .	89102 . . . . .	85
TOOL GRINDER 2 . . . . .	603.664-010 . . . . .	86
TOOL GRINDERS,FILERS,SHARPENERS . . . . .	89111 . . . . .	85
TOOL PUSHER . . . . .	930.130-010 . . . . .	120
TOOL-AND-DIE MAKER . . . . .	601.280-046 . . . . .	86
TOURISM . . . . .	08.1104 . . . . .	55
TOY ASSEMBLER . . . . .	731.687-034 . . . . .	54
TRACTOR OPERATOR . . . . .	929.683-014 . . . . .	96
TRACTOR-TRAILER-TRUCK DRIVER . . . . .	904.383-010 . . . . .	96
TRADE & INDUSTRIAL EDUCATION . . . . .	13.1320 . . . . .	100
TRADE & INDUSTRIAL SUPERVISION & MANAGEMENT . . . . .	06.2001 . . . . .	67
TRAFFIC RATE & TRANSPORTATION CLERK . . . . .	07.0709 . . . . .	60
TRAFFIC TECHNICIANS . . . . .	39005 . . . . .	110
TRAFFIC, SHIPPING, & REC. CLERKS . . . . .	58028 . . . . .	59
TRAILER ASSEMBLER . . . . .	806.381-058 . . . . .	54
TRANSCRIBING-MACHINE OPERATOR . . . . .	203.582-058 . . . . .	61
TRANSIT CLERKS . . . . .	53108 . . . . .	59
TRANSMISSION MECHANIC . . . . .	620.281-062 . . . . .	84
TRANSPORTATION AGENT . . . . .	912.367-014 . . . . .	117
TRANSPORTATION MANAGEMENT . . . . .	06.0705 . . . . .	67
TRAVEL AGENT . . . . .	252.157-010 . . . . .	56
TRAVEL AGENTS . . . . .	43021 . . . . .	55
TRAVEL CLERKS . . . . .	53802 . . . . .	62
TRAVEL SERVICES MARKETING . . . . .	08.1105 . . . . .	55
TREE-SHEAR OPERATOR . . . . .	454.683-010 . . . . .	16
TRIMMER SAWYER . . . . .	667.482-022 . . . . .	16
TRUCK & BUS DRIVING . . . . .	49.0205 . . . . .	96
TRUCK DRIVER, HEAVY . . . . .	905.663-014 . . . . .	96
TRUCK DRIVER, LIGHT . . . . .	906.683-022 . . . . .	96
TRUCK DRIVERS . . . . .	97101 . . . . .	95
TRUCK-BODY BUILDER . . . . .	807.281-010 . . . . .	84
TRUST OFFICER . . . . .	186.117-074 . . . . .	26
TURBINE OPERATOR . . . . .	952.362-042 . . . . .	89
TURF MANAGEMENT . . . . .	01.0607 . . . . .	14
TYPESETTER-PERFORATOR OPERATOR . . . . .	203.582-062 . . . . .	24
TYPESETTING MACH. OPERATOR/TEND. . . . .	92541 . . . . .	23
TYPING, GENERAL OFFICE, & RELATED PROG GENERA . . . . .	07.0701 . . . . .	60
TYPING, GENERAL OFFICE, & RELATED PROG OTHER . . . . .	07.0799 . . . . .	60
TYPIST . . . . .	203.582-066 . . . . .	61

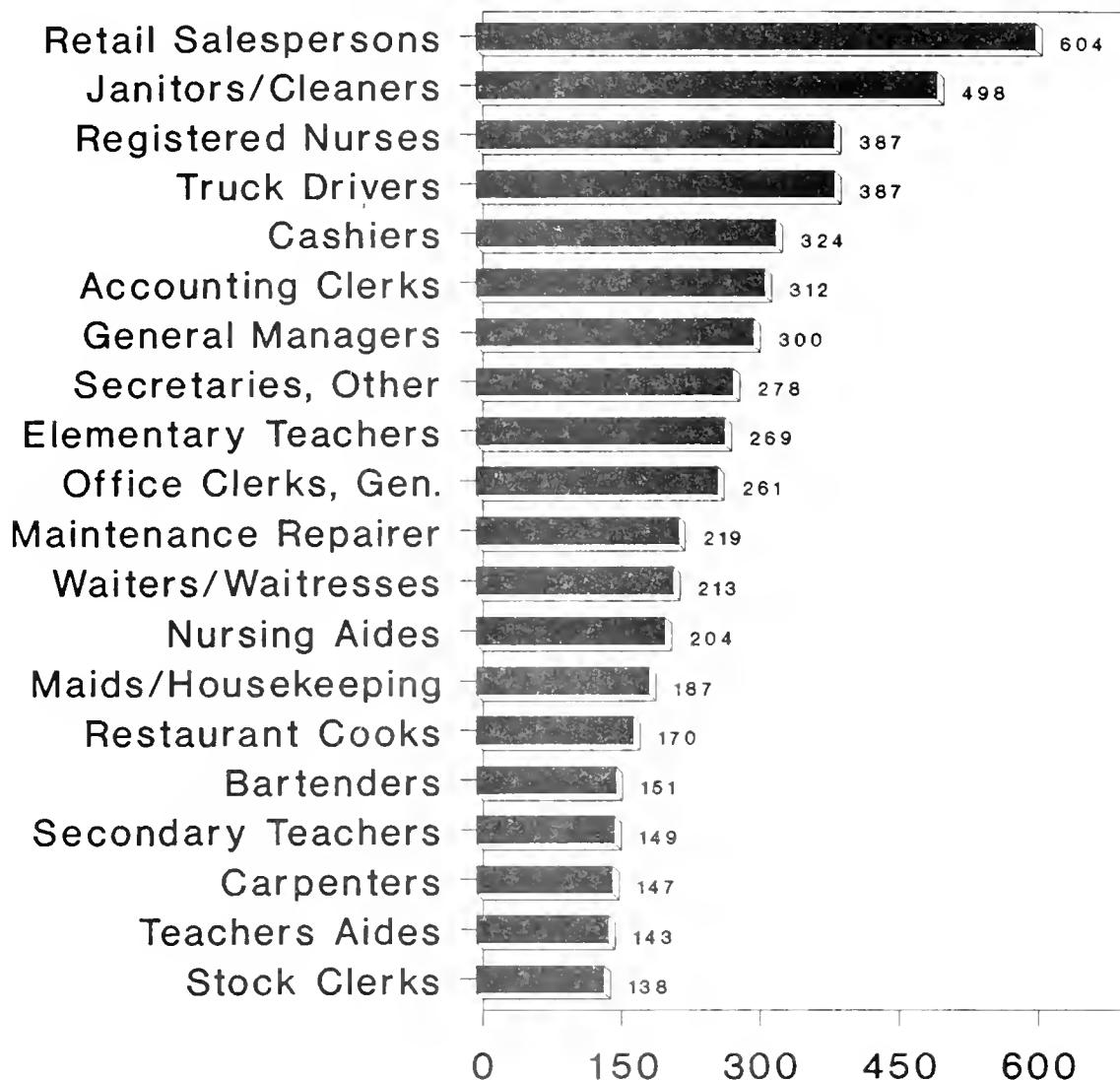
TITLE	CODE #	PAGE #
TYPISTS . . . . .	55307 . . . . .	59
TYPISTS, WORD PROCESSING EQUIP. . . . .	55311 . . . . .	69
U.S. MARSHALLS . . . . .	63026 . . . . .	74
UNDERGROUND LOADING MACH. OPER. . . . .	97932 . . . . .	119
UNDERWRITER . . . . .	169.167-058 . . . . .	27
UNDERWRITERS . . . . .	21102 . . . . .	27
UNDERWRITING CLERK . . . . .	219.367-038 . . . . .	61
UPHOLSTERER, INSIDE . . . . .	780.681-010 . . . . .	91
UPHOLSTERERS . . . . .	89508 . . . . .	90
UPHOLSTERING . . . . .	48.0303 . . . . .	90
URBAN & REGIONAL PLANNERS . . . . .	27105 . . . . .	110
URBAN PLANNING TECHNOLOGY . . . . .	15.0204 . . . . .	113
USHERS, LOBBY ATT., TICKET TAKER . . . . .	68021 . . . . .	55
VEHICLE & EQUIPMENT OPERATION, GENERAL . . . . .	49.0201 . . . . .	96
VEHICLE & EQUIPMENT OPERATION, OTHER . . . . .	49.0299 . . . . .	96
VEHICLE & MOBILE EQUIP MECHANICS/REPAIRERS OT . . . . .	47.0699 . . . . .	83
VEHICLE, EQUIPMENT CLEANERS . . . . .	98905 . . . . .	95
VENDING & RECREATIONAL MACHINE REPAIR . . . . .	47.0109 . . . . .	76
VENDORS,SOLICITORS,DOOR-TO-DOOR . . . . .	49026 . . . . .	49
VETERINARIAN . . . . .	073.101-010 . . . . .	18
VETERINARIAN ASSISTING . . . . .	17.0512 . . . . .	18
VETERINARIANS, VET. INSPECTORS . . . . .	32114 . . . . .	18
VICE PRESIDENT . . . . .	189.117-034 . . . . .	68
VIDEO OPERATOR . . . . .	194.282-010 . . . . .	24
VIDEO TECHNOLOGY . . . . .	10.0106 . . . . .	20
VOCATIONAL & EDUC. COUNSELORS . . . . .	31514 . . . . .	99
VOCATIONAL HOME ECONOMICS, OTHER . . . . .	20.9999 . . . . .	42
WAITER/WAITRESS & RELATED SERVICES . . . . .	08.0905 . . . . .	104
WAITER/WAITRESS, BAR . . . . .	311.477-018 . . . . .	104
WAITER/WAITRESS, INFORMAL . . . . .	311.477-030 . . . . .	104
WAITER/WAITRESS, TAKE OUT . . . . .	311.477-038 . . . . .	104
WAITERS & WAITRESSES . . . . .	65008 . . . . .	104
WARD CLERK . . . . .	245.362-014 . . . . .	61
WASHER, MACHINE . . . . .	361.665-010 . . . . .	91
WATCH REPAIR . . . . .	47.0408 . . . . .	115
WATCH REPAIRER . . . . .	715.281-010 . . . . .	115
WATCHMAKERS . . . . .	85917 . . . . .	115
WATER & WASTE TREAT. PLANT OPER. . . . .	95002 . . . . .	113
WATER & WASTEWATER TECHNOLOGY . . . . .	15.0506 . . . . .	113
WATER-TREATMENT-PLANT OPERATOR . . . . .	551.485-010 . . . . .	113
WATER-TREATMENT-PLANT OPERATOR . . . . .	954.382-014 . . . . .	113
WATERSHED TENDER . . . . .	954.382-018 . . . . .	113
WEAVER . . . . .	683.682-038 . . . . .	54
WEB-PRESS OPERATOR . . . . .	651.362-030 . . . . .	24

TITLE	CODE #	PAGE #
WEDDING/SPECIALTY CONSULTING . . . . .	20.0308 . . . . .	67
WEIGHERS, MEASURERS, CHECKERS . . . . .	58017 . . . . .	59
WELDER, ARC . . . . .	810.384-014 . . . . .	79
WELDER, COMBINATION . . . . .	819.384-010 . . . . .	79
WELDER, GAS . . . . .	811.684-014 . . . . .	79
WELDER, PRODUCTION LINE . . . . .	819.684-010 . . . . .	54
WELDERS & CUTTERS . . . . .	93914 . . . . .	79
WELDING . . . . .	48.0508 . . . . .	79
WELDING MACHINE OPERATORS . . . . .	91705 . . . . .	79
WELDING MACHINE SETTER/OPERATOR . . . . .	91702 . . . . .	79
WELDING SUPERVISOR . . . . .	819.131-014 . . . . .	79
WELDING TECHNOLOGY . . . . .	15.0610 . . . . .	79
WELFARE ELIGIBILITY WORKERS . . . . .	53502 . . . . .	107
WELL HEAD PUMPERS . . . . .	97911 . . . . .	119
WHOLESALE, RETAIL BUYERS,EX.FARM . . . . .	21302 . . . . .	49
WHOLESALING . . . . .	08.0707 . . . . .	50
WILDLIFE MANAGEMENT . . . . .	03.0601 . . . . .	17
WOOD MACHINISTS . . . . .	89308 . . . . .	85
WOODWORKING MACHINE OPERATORS . . . . .	92314 . . . . .	80
WOODWORKING MACHINE SETTER/OPER.	92311 . . . . .	80
WORD PROCESSING . . . . .	07.0801 . . . . .	69
WORD-PROCESSING-MACHINE OPERATOR . . . . .	203.362-022 . . . . .	69
WRITER, TECHNICAL PUBLICATIONS . . . . .	131.267-026 . . . . .	21
WRITERS & EDITORS . . . . .	34002 . . . . .	21
ZOOLOGY, GENERAL . . . . .	26.0701 . . . . .	18

# MONTANA

## HIGH GROWTH OCCUPATIONS

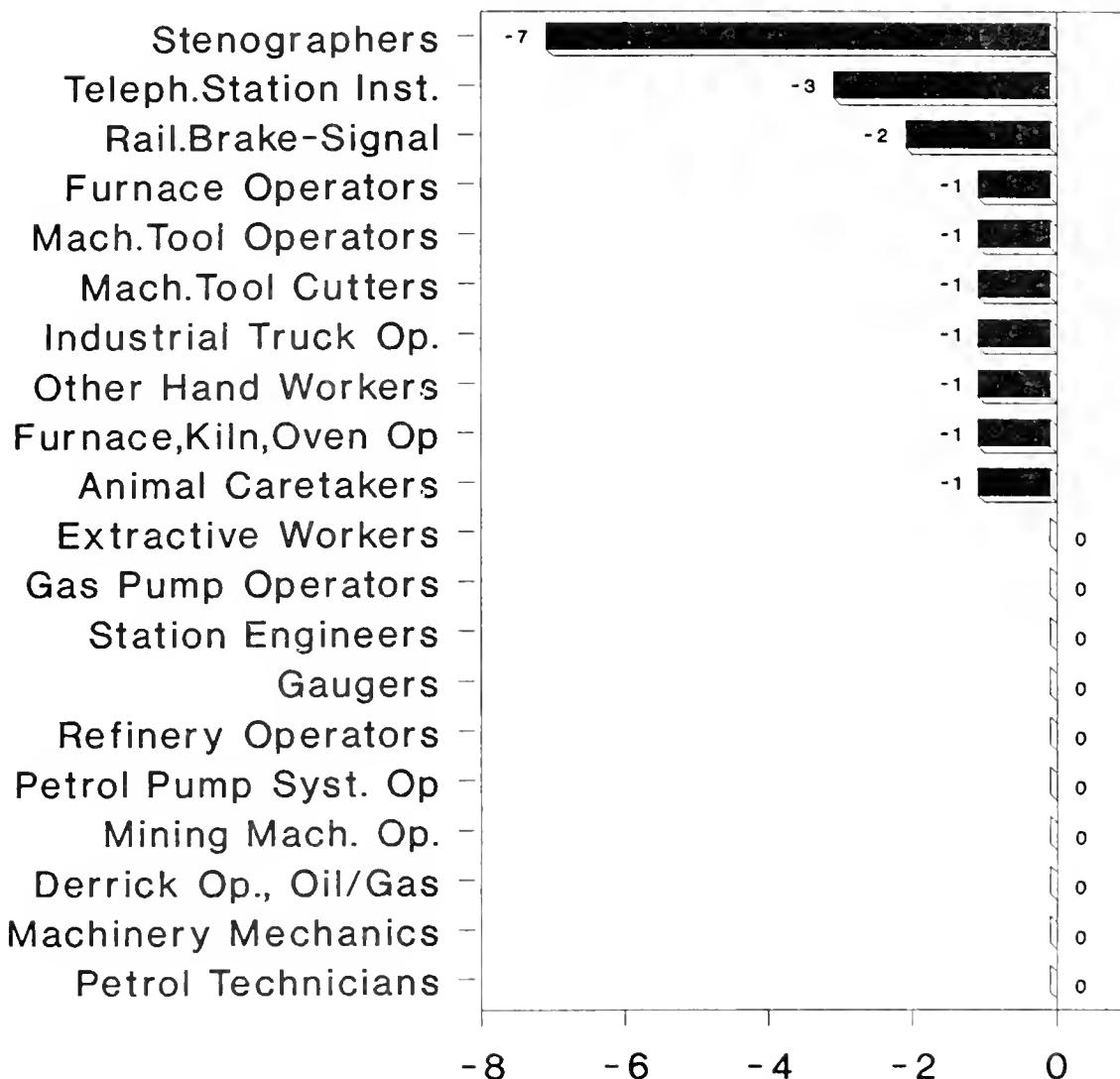
### Estimated Annual Openings to 1995



# MONTANA

## DECLINING OCCUPATIONS

### Estimated Annual Openings to 1995





Return in 5 days to:  
Research & Analysis Bureau  
Department of Labor & Industry  
P.O. Box 1728  
Helena, MT 59624

---

Official Business  
Penalty for Private Use  
\$300

Postage and Fees Paid  
Employment Security Mail  
Lab 449



500 copies of this publication were produced at a unit cost of \$2.35 per copy, for a total cost of \$2,176.70, which includes \$1,426.70 for printing and \$750.00 for distribution.